CONSTRUCTION NEWS

Some of the Week's Large Projects

AMONG the announcements for the current week are the following:

Proposed Work

Coach plant, Pontiac, Mich., Yellow Truck & Coach Mfg. Co., plans, $8,000,000.

Club, Cleveland, O., Town & Country Club Co., having plans prepared, $3,000,000.

Paving Ft. Myers, Fla., making plans, $2,000,000.

Passenger station Phila., Pa., Phila. & Reading R.R. Co., having plans prepared, $2,000,000.

Apartment, Chicago, Ill., W. O. Bannerman & Co., having sketches made, $1,500,000.

Apartment, Jersey City, N. J., D. Lerner had plans prepared, $1,500,000.

School, Glendale, Calif., Glendale Union High School Dist., voted bonds, $1,400,000.

Hotel, Harlingen, Tex., Syndicate, plans, $1,200,000.

School, Vancouver, B. C., soon takes bids, $1,135,000.

School, etc., Rock Island, Ill., Bd. Educ., having preliminary plans prepared, $1,000,000.

Waterworks, Eugene, Ore., making plans, $1,000,000.

Hotel, Rockford, Ill., Rockford Hotel Co., had plans prepared and takes bids about Aug. 1, $1,000,000.

Loft, Phila., Pa., B. F. Cohn, having plans prepared, $1,000,000.

Bids Desired

Loft, Phila., Pa., July 18, by Manufacturing Realty Building Co., $1,500,000.

Theatre, Louisville, Ky. July 20, by Theatre Realty Corp., $1,000,000.

Bids Received

Hospital, Detroit, Mich., H. A. I. Andres, secy. Dept. Health, from W. E. Wood Co., $2,378,200.

Contracts Awarded

Hotel, Baltimore, Md., Lord Baltimore Hotel, to Consolidated Eng. Co., $6,000,000.

Pipe line, Texas, Empire Companies to Acme Foundry and Machine Co., Coffeyville, Kan., $3,000,000.

Hotel, Los Angeles, Calif., Local Syndicate to A. S. O'Neil, $1,500,000.

City Hall Phila., Pa., Dept. Pub. Wks., general contract to F. W. Mark Co., and others totaling $1,306,938.

Hospital, etc., Cleveland, O., Charity Hospital to Lundorff-Bicknell Co., $1,200,000.

News of the Week

Waterworks

Proposed Work

Conn., Hartford — Hartford Water Bd., 1026 Main St., plans emergency reservoir. $250,000. C. M. Saville, 1026 Main St., engr.

N. J., Denville—Township plans water works and reservoir. $225,000.

Ind., Indianapolis — Indianapolis Water Co., F. C. Jordan, secy., plans new 12 in. c.i. mains, 300 tons pipe for new extensions, 200 hydrants, two 500 hp. boilers, and 4 elevated reservoirs, each 1,500,000 gal. capacity. $550,000.

Ill., Grayville—Making preliminary plans new well supply in Wabash River bottoms, also pumping equipment, distribution lines, etc. Caldwell Eng. Co., 36 North Side Sq., Jacksonville, engrs.

Okla., Bessie—Making surveys new waterworks. $30,000. E. W. Gantt, 1116 West Main St., Oklahoma City, engrs.

Okla., Laverne—Plans complete waterworks. $25,000. C. A. Woods, Stillwater, engr.

Okla., Mangum—Making plans and surveys waterworks extensions. To exceed $15,000. Benham Eng. Co., 512 Gumbel Bldg., Kansas City, Mo., engrs.

Okla., Quinlan—Making plans complete waterworks. $35,000. C. A. Wood, Stillwater, engr.

Ore., Eugene—Making plans improving and extending waterworks. To exceed $1,000,000 W. C. Clubb, Court House, engr.

Bids Desired

R. I., North Tiverton (mail Tiverton)—July 20, by Town, waterworks in various streets. $15,000 or more. Private plans.

Conn., Hartford—Water Bd., 1026 Main St., taking bids 3 mi. 42 in. pipe line between Reservoirs 5 and 6. $300,000. C. M. Saville, 1026 Main St., engr. Noted May 5.

O., Toronto — July 26, at office Toronto Water Works, 500 meters for 125 lb. water pressure.

O., Crooksville—July 15, by Village, C. L. Dean, clk., waterworks. $100,000. Asire & Moore, South Bend, Ind., engr.

Ill., Chicago—July 19, by City, Room 207, City Hall, water service pipes in 12 various streets and avenues. M. J. Faherty, pres. Bd. Local Impvts.

Wis., Milltown—July 19, by City, A. N. Lystrup, city clk., constructing pump house and furnishing deep well equipment. Druar & Milinowski, 500 Globe Bldg., St. Paul, Minn., engrs. Noted June 2.

Kan., Bühler—Taking bids deep wells, also quotations (by mail) pumping equipment. $30,000 bonds voted for same. F. E. Devlin, 614 Bitting Bldg., Wichita, engrs.

Calif., Beverly Hills—Taking bids part 1 and 2 story, 200 x 280 ft., rein.-con. aeration plant as part of water system, here. $200,000. W. Thomas, archt., and Salisbury, Bradshaw & Taylor, engrs., both 745 Petroleum Securities Bldg., Los Angeles. Noted May 5, under Unclassified.

Contracts Awarded

N. J., Newark—North Jersey Dist. Water Supply Comn., 24 Commerce St., relocating Ringwood Mines Pumping Station, Ringwood Boro, Passaic Co., Contr. 17, to Arnold-More, Inc., 45 Clinton St., $13,500.

O., Cleveland — Dept. Pub. Welfare, Columbus, J. E. Harper, dir., laying 200 ft. 6 in. c.i. water pipe, etc. in Hawthornden Farm State Hospital, here, to Huffman-Wolfe Co., 40 West Broad St., Columbus, $29,275.

Mich., Detroit—Secretary Detroit Water Bd., 176 East Jefferson Ave., 38,150 ft. 6- to 16-in. c.i. mains, 68 gate wells, etc. in various streets, to V. Fintozzi, 3065 Humboldt Ave., Detroit, $23,377; 44,968 ft. 6- to 16-in. c.i. pipe, 88 gate wells, etc., to Contg. & Eng. Co., 603 Morgan Bldg., $28,907. Water Bd. will supply pipe. Noted June 2.

THESE reports are grouped under each class (water-works, sewers, etc.) and under each stage of the work (proposed, bids desired, etc.), according to the following geographic sections: New England, Middle Atlantic, South, Middle West, between Mississippi and Rocky Mountains, Far West, and Canada.

Where name of official is not given inquiries should be addressed to City Clerk, County Clerk, or corresponding official.

S. D., Watertown—For 1 m.g. standpipe, to Pittsburgh-Des Moines Steel Co., Tuttle and Southwest 10th Sts., Des Moines, Ia., $34,000. Noted June 23.

Tex., Abilene—For c.i. pipe, to Amer. C.I. Pipe Co., 371 Praetorian Bldg., Dallas, $20,900; hydrants, to Darling Valve Mfg. Co., West Bldg., Houston, approximately $8,000; valves and valve boxes, to Waskom Supply Co., Dallas, $2,300; and joint lead, to San Antonio Supply Co., 231 East Commerce St., San Antonio, $1,911.

Tex., Crystal City — Extending waterworks mains, laterals, etc., to Dalton & Davis, Crystal City, approximately $20,000. Noted June 16.

Okla., Konawa—Waterworks and improvements, to E. W. Baker & Co., Medical Arts Bldg., Oklahoma City, approximately $78,000.

Sewers

Proposed Work

O., Canton—Stark Co. plans 4 mi. sewer in North Canton Sewer Dist., $100,000-$150,000; also sewer in Massillon-Canton Rd. Sewer Dist., $75,000-$100,000. G. E. Davidson, Canton, co. sanitary engr.

Mich., Royal Oak, Ind.—(br. Detroit)—Making plans vitr. or concrete sewers in Prairie Lawn Sub-division. $88,350. Hoad Decker, Shoecraft & Drury, Ann Arbor, engrs.

Ill., Bartlett—Made plans sewage disposal plant and sewers in various streets. $60,000. Suhr, Berryman & Peterson, 105 North Clark St., Chicago, engrs.

Ill., Carpentersville—Made plans 8- to 15-in. sewers in various streets. $180,000. Suhr, Berryman & Peterson, 105 North Clark St., Chicago, engrs.

Ark., Conway—Soon takes bids 22,000 ft. 18 and 24 in. sewers, and sewage disposal plant, in Dist. 2. $150,000. W. L. Winters, Merchants Natl. Bank Bldg., Ft. Smith, engr.

Tex., Amarillo—Making plans new sewage disposal plant. To exceed $25,000. Wynkoop Kiested, 614 Interstate Bldg., Kansas City, Mo., engr.

Tex., Perryton — Voted $70,000 bonds, complete sewerage system and disposal plant. Devlin Eng. Co., 127 Central Bldg., Amarillo, engr. Noted Mar. 31.

Tex., San Angelo—Making plans sewers in various streets. $700,000. Terrell Bartlett Engineers, Calcasieu Bldg., San Antonio, engrs.

Okla., Binger—Made preliminary plans new sewerage system. To exceed $25,000. M. Alexander, mayor. Engineer not selected.

Okla., Mangum—Making plans extending sewers in various streets. To exceed $50,000. Benham Eng. Co., Gumbel Bldg., Kansas City, Mo., engrs.

Ont., Toronto—York Twp. plans 470 ft. each sanitary and storm sewers in Traymore Crescent, also 1,420 ft. 8 in. and up vitr. tile service sewers in Victoria Blvd. and Ray Ave. $25,000. F. B. Goedike, 40 Jarvis St., engr.

Bids Desired

Mass., Stoneham—July 19, by Bd. Selectmen, Buick Bldg., sewers in various streets. $25,000. Private plans. Noted Mar. 24.

See proposal advertising on page 151

TRADE "LEADITE" MARK

Registered U. S. Pat. Office

Waterworks engineers and superintendents prefer to use Leadite for joints—*It assures them that the pipe line will be completed and a revenue producer well within the time allowance.*

THE speed and simplicity of use of Leadite is a big factor in rapidly expanding communities.

This illustration shown here is a scene from an installation where Leadite was used with c. i. bell and spigot pipe.

These lines are in one of the fastest growing cities in the South. The speed of Leadite jointing makes it possible to lay pipe fast enough to keep up with the new building and real estate expansion.

In addition, Leadite joints are permanent. For over 30 years Leadite has been tested and used under all pipe laying conditions and has proven completely satisfactory.

The saving of labor time and advantages of using Leadite produce a saving of over 75% of the cost of making the joints.

Benefit by the experience of thousands of engineers, superintendents and contractors who have used Leadite.

Specify and use **LEADITE** It saves at least 75%

Be sure it is **LEADITE** and accept no imitations

The pioneer self-caulking material for c. i. pipe.
Tested and used for over 30 years

THE LEADITE COMPANY
Land Title Building - - Philadelphia, Pa.

NO CAULKING

Sewers (Continued)

N. Y., Brooklyn—July 20, by J. J. Byrne, pres. Brooklyn Boro, Boro Hall, sewer in Ocean Parkway, Kings Highway, Repose Pl., Lenox Rd., Avenue H, Highlawn, Bedford, Brooklyn, 23rd, 9th Aves., West 5th, West 6th, 67th, East 4th, East 2nd, 63rd, East 32nd and East 27th Sts.; also pneumatic ejector system for discharging screening apparatus of 26th Ward Disposal Works Hendrix St. and Vandalia Ave.

N. J., Tenafly—July 18, by Mayor and Boro Council, 6,000 ft. 8 in. vitr. sewers, ect., Contr. 4; and sewage, pumping station, etc. Contr. 5. N. M. F. Dennis, boro clk., adv. E. N.-R. July 14.

Pa., Phila.—July 20, by Dept. Pub. Wks., Bureau Engineering, main sewers in Washington Lane and Forrest St.

Fla., Tampa—July 19, by W. L. Brown, city mgr., 5,326 lin.ft. 8 in. concrete or vitr. sewer, etc., in Wilder Ave., 13th St. and 3 alleys.

Mich., Detroit—July 20, by Dept. Pub. Wks., 3,941 ft. concrete or brick sewers in Franklin and Adair Sts., Detroit River Interceptor Sewer Sect. 5, and 4,017 ft. monolithic concrete or brick in Adair St. and East Jefferson Ave., Detroit River Interceptor Sect. 4. P. A. Fellows, city engr.

Mich., East Lansing—July 18, by B. A. Faunce, city clk., 1,000 ft. 60 in., 6,800 ft. 27- to 33-in. and 1,200 ft. 12- to 24-in. sanitary interceptor and trunk sewers in various streets. Hubbell, Hartgering & Roth, 2640 Buhl Bldg., Detroit, engrs. Noted July 7.

Mich., Halfway—July 20, by A. J. Wendt, village clk., 68.829 ft. 12- to 54-in. sewer, etc. in Dist. 1, H. R. O'Mara, village engr.; adva. E. N.-R. July 14.

Ill., Chicago — July 21, by H. C. W. Laubenheimer, clk. Sanitary Dist. of Chicago, 910 South Michigan Ave., North Side Intercepting Sewer, Contr. 9, incl. 7 river and channel crossings, etc. T. J. Crowe, pres.

Ill., Chicago — July 19, by City, Room 207, City Hall, tile pipe sewers with brick manholes and brick catch basins, also drains in 40 various streets and avenues. M. J. Faherty, pres. Bd. Local Impvts.

Ill., Princeton—July 25 (extended date), sewage treatment plant and storm sewers in various streets. $45,000. Shields, Jordan & Roe, 6 South Dearborn St., Chicago, engrs. Noted June 23.

Ont., Orangeville — July 18, by H. B. Church town clk., Town Hall, 5,125 ft. 8- to 18-in. vitr. tile sewers in various streets. $25,000. U. W. Christie, Court House, engr.

Ont., Toronto—July 11, by F. B. Goedike, 40 Jarvis St., engr., 7,500 ft. cement concrete service sewers in Northcliffe Blvd., Avon Crescent, Rushton and Avon Rds., Gray and Dunraven Aves., for York Twp. $30,000. Noted June 23.

Contracts Awarded

N. Y., Greensburgh—(Scarsdale P. O.)—Bd. Sewer Comrs., Fulling Bldg., 19 North Bway., Tarrytown, sewers in Fairview Sewer Dist., here, to J. Miele, East Orange, N. J. and Scarsdale, N. Y., $189,658. Noted June 23.

N. Y., Syracuse—Intercepting Sewer Bd., City Hall, constructing Burnet Ave. Relief Sewer, also altering and additions to north plant Eastwood Sewage Treatment Works, to C. T. Hookway, Welting Bldg., $74,766 and $7,878 respectively.

Pa., Phila.—Dept. Pub. Wks., Bureau Engineering, to P. and A. J. Ellis, 44 Wyoming St., branch sewers in Cheltenham Ave. $14,105, to F. T. Buckins, Jr., 4050 Kensington St., Conshocken Ave. $2,886, to L. A. Zarilla, 500 North Simpson St., Cottage St. $3,779, 72nd St. $2,410, and Thompson St. $2,854, to A. DiSandro & Son, 6400 North 5th St., Farihill St. $6,064, to Leva Bros., 104 West Gale St., Foulkrod St. $12,137, to A. Frunzi, 513 High St., Jackson St. $2,556, Leverington St. $8,201, Phil-Ellena St. $3,678, to P. Pinciotti, 4103 Roosevelt Blvd., Magee St. $6,690, 26th St. $17,971, and 27th St. $11,690, to A. Perna & Son 752 South 10th St., Rector St. $3,533, and 71st St $9,468, to A. Corrado, 5920 Magnolia St. Rising Sun Ave. $8,475; also to J. E. Robinson, 5231 Catherine St., test borings, $3,700. Grand total $120,197. Noted June 16.

Pa., Phila.—Dept. Pub. Wks., Bureau Engineering, sewers in Greenwood St., to N. Cirucci, 611 South 9th St., $15,290. Noted June 23.

Md., Baltimore—Bd. Awards, 1,678 lin. ft. 30- to 42-in. reln.-con storm drains and sanitary sewers in Sewer Distr. H-17, Storm Water Contr. 108, to N. Martell, 4100 Vesta Ave., $31,805. Noted June 23.

D. C., Wash.—District Comrs., District Bldg., to L. M. Johnson, Wash., D. C., Upper Potomac Interceptor, $16,583; to W. A. Pate, Jr., Rockville, Md., D St. Service Sewer $2,554, and Cathedral Ave. $6,118; to A. McCandlish Co., 1215 Howard Ave. N. W., 2nd St. and Park Dr. outlet $4,166, and Patterson St. Service $875; to Loomis-Wetzel Constr. Co., 1125 St. N. W., Eames Pl. and 16th St. N. E., $1,625; to W. F. Brenizer Co., 101 New York Ave. N. E., Longfellow Sq. Sewer $4,526, East Brookland Storm Sewer $76,072, and Michigan Ave. Storm Sewer $6,558. Grand total $119,077. Noted June 16.

Miss., Kosciusko—J. W. Fletcher, city clk., 210 manholes, pumping equipment, building, and 73,150 ft. 8- to 12-in. sewers in various streets, to Sullivan, Long & Hagerty, Bessemer, Ala., $62,400. Engrs. est. $90,000. Noted June 9.

O., Columbus—W. H. Duffy, dir. Pub. Serv., Southwest Relief Drain, 9,056 ft. 8- to 60-in. pipe, and North High St. Storm Sewer, Contr. 6, 2,150 ft. 54- to 60-in. pipe, to B. Cannini, 209 South High St., $251,625 and $65,699 respectively. Noted June 9.

Ind., Indianapolis—Dept. Pub. Wks., for Pleasant Run Interceptor Sewer, 36,000 ft. rein.-con. pipe, to Krenn-Dato Constr. Co., 9 North Michigan Blvd., Chicago, Ill., $637,726. Engrs. est. $782,521. Noted June 30.

Ind., Jeffersonville — P. Spurgeon, city engr., approximately 3 mi. 24- to 36-in. vitr. clay trunk line and additional small sewers in Walnut St., to T. F. O'Neil, Front and Pearl Sts., $46,500. Noted May 5.

Mich., Dearborn — Constructing West Michigan Trunk Sewer, 5,107 ft. 12 in. vitr. pipe up to concrete cylinder, to Ianni Constr. Co., 3861 Doremus Ave., Detroit, $96,994. Noted June 16.

Mich., Pontiac — Sewage disposal plant addition, to Culbertson & Kelly, 872 West Milwaukee Ave., Detroit, $44,145.

Mo., Sedalia—Sewer improvements, to A. C. Comstock, Box 484, Tulsa, Okla., $202,000.

Tex., Crystal City — For 4- to 24-in. sewers and laterals in various streets, to Dalton & Davis, Crystal City, approximately $30,000. Noted June 16.

Tex., Harlingen—For 1½ mi. storm and 3 mi. sanitary sewers in various streets, to Kirkwood Wharton & Lee, 456 Main Ave., San Antonio, $36,000.

Tex., Houston — Sewers in Audubon, Hawthorne Sts. and alley east of Audubon St., to C. K. Horton, 2202 Clay Ave., $32,451. Engrs. est. $35,000.

Okla., Blackwell—For 27,000 ft. 8- to 12-in. vitr. clay sewers in Sewer Dist. 46, to Kohler Plumbing Co., Ponca City, $58,447. Engrs. est. $62,000.

Okla., Konawha—See "Waterworks."

Calif., Glendale—To M. J. Simonovich, 727 Alpine St., Los Angeles, sewer in Louise St., 3,162 ft. 10 in. vitr. clay pipe at $1.50 per ft., 49,932 ft. 8 in. $1.50, and 20,772 ft. 6 in. house sewers $1.25, etc., total $111,919.

Calif., Los Angeles—For rein.-con. drainage works in Drainage Dist. 20, to C. and C. K. Thompson, Brockman Bldg., $377,775.

B. C., Point Grey—For Quesnelle Dr. Trunk Sewer, 11,250 ft. 8- to 42-in. pipe to Harrison & Lamond, 502 Hastings St. W., Vancouver, $63,793.

Waste Disposal

Proposed Work

Ga., Atlanta—City Council plans waste disposal plant, steam plant, mechanical stokers, ash handling equipment and steam lines. $125,000 appropriated. J. N. Eley, 912 Atlanta Trust Co. Bldg., engr.

Bridges

Proposed Work

Miss., Elizabeth—Boliver Co. (Cleveland), plans rebuilding Bogue Phalia Bridge, rein.-con. and steel, recently destroyed by flood, near here. $50,000.

Tennessee—State Dept. Highways & Pub. Wks., Nashville, making surveys, soundings, and preliminary plans bridge over Little Tennessee River, near Niles Ferry, Monroe Co.

Ind., Alfont (mail Ingalls)—Madison Co. (Anderson) soon takes bids replacing old iron bridge with 60 ft. concrete bridge over Fall Creek, here. $70,000. A. B. Steele, Anderson, engr.

Ind., Anderson—City and Madison Co. plan 300 ft. concrete bridge and approaches with ornamental light posts over White River and Killbuck Creek. $200,000. A. B. Steele, co. engr. and M. H. Downey, city engr.

Michigan—R. R. Havens, resident engr., 829 Greenwood Ave., Jackson, takes bids about July 29, S. R. Bridge 1 of 33-6-31, two 50 ft. span steel deck girder, over Red Cedar River, Ingham Co., for State Hy. Dept., Lansing.

Mo., St. Louis—Bd. Pub. Serv., 208 City Hall, soon takes bids 1,750 ft. rein.-con. viaduct to carry Arsenal St. over St. Louis-San Francisco R.R. tracks. $531,000. St. Louis-San Francisco Ry. Co., F. G. Jonah, ch. engr., St. Louis, appropriates $300,000 toward cost. L. R. Bowen, City Hall, engr. This corrects report in June 16 issue.

Okla., Manford—State Hy. Dept., Oklahoma City, making preliminary plans 2 span 140 ft. steel truss bridge on concrete piers over Terrel Creek, Highway 1, Creek Co., near here. $40,000. C. R. Mandigo, Capitol Bldg., Oklahoma City, engr.

Ont., Ottawa—Secretary Ottawa Federal Dist. Comn., soon takes bids completing bridge over Ottawa River. $75,000. A. Stewart, Fraser Bldg., supt.

Ont., St. Thomas—Elgin Co. making plans probably 175 ft. span concrete and steel bridge in Malahide Twp. $45,000. J. A. Bell, County Bldgs., engr.

Bids Desired

Mass., East Bridgewater—July 19, by Dept. Pub. Wks., Boston, 4,916 ft. bridge and approaches on section of highway, here. W. F. Williams, comr.

Pennsylvania—See "Streets and Roads."

W. Va., Clarksburg — See "Streets and Roads."

O., Dayton—July 23, by F. A. Kilmer, clk. Montgomery Co., Court House, Superstructure Bridge 187, 225 ft. span steel truss, 20 ft. roadway, in Butler Twp. $60,000. W. O. Pease, Court House, co. surv. Noted Apr. 21.

Mich., Pontiac—July 22, by H. A. Maurer, city clk., rein.-con. bridge over Clinton River, on Perry St. incl. 365 cu.yd. rein.-con., 650 cu.yd. excav., and 21 tons reinforcing. $25,000. J. R. Pollock, City Hall, engr.

Kan., Columbus—July 29, by Cherokee Co., two 70 ft. steel truss, one 20 ft. slab and two 35 ft. deck girder spans on Federal Aid Project 299-B. H. W. Tyrell, Court House, engr. Noted June 9.

Kan., Wamego—Aug. 2, by Clerk Waubaunsee Co. (Alma) and Pottawatomie Co. (Westmoreland) at Alma, six 150 ft. span steel truss bridge, incl. 6,370 lin.ft. wooden piling, 8,870 cu.yd. earth approach, or alternate seven 128 ft. span arch bridge, 8,444 lin.ft. wooden piling and 8,870 cu.yd. earth approach, etc., Federal Aid Project 243-A, near here. F. Itz, Alma, co. engr. Noted May 12.

Texas—July 19, by R. I. Sterling, chn. Hy. Comn., Austin, one 106 ft. and one 159 ft. concrete girder bridge over Caney and Piney Creeks, $25,000; and 125 ft. steel span, girder approaches, etc., over White Rock Creek, Highway 94, $39,000, both in Trinity Co. E. F. Maddox, Lumpkin, div. engr. R. A. Thompson, Austin, highway engr.

Tex., Harlingen — See "Contracts Awarded."

Contracts Awarded

N. J., Woodstown — State Hy. Comn., Trenton, steel and concrete bridge over Salem Creek, on Route 6, here, Salem Co., to Chester Valley Constr. Co., Coatesville, Pa., $28,499. Noted June 9.

Pennsylvania—See "Streets and Roads."

Maryland — State Roads Comn., Baltimore, double span rein.-con. arch bridge over Antietam Creek, Contr. W-48, Washington Co., to Concrete Steel Bridge Co., Clarksburg, W. Va., $13,985; and single 22 ft. span rein.-con. slab bridge with two 5 ft. sidewalks on road from Frostburg to Westernport in Midland, Contr. A-46, Allegany Co., to Luten Bridge Co., Ebert Bldg., York, Pa., $2,677. Noted June 23.

Maryland — State Roads Comn., Baltimore, double 22 ft. span, rein.-con. slab bridge with street car tracks over Carroll Creek, on South Market St., Contr. F-104, Frederick Co., to Concrete Steel Bridge Co., Clarksburg, W. Va., $8,885. Noted May 12.

Md., Baltimore—Bd. Awards, 116 ft. concrete and steel bridge over Windsor Mill Rd., on Clifton Ave., to J. L. Robinson Contg. Co., 522 Park Ave., $90,314. Noted June 16.

Alabama—State Hy. Comn., Montgomery **(F.A.P. means Federal Aid Project)**, creosoted timber bridges on road between Uniontown and Newbern, F.A.P. 141-B, Perry and Hale Counties, to M. D. Morgan, Opelika, $25,904; also bridge on F.A.P. 182, Pike Co., to E. Pettus, Montgomery, $23,059. Noted June 9.

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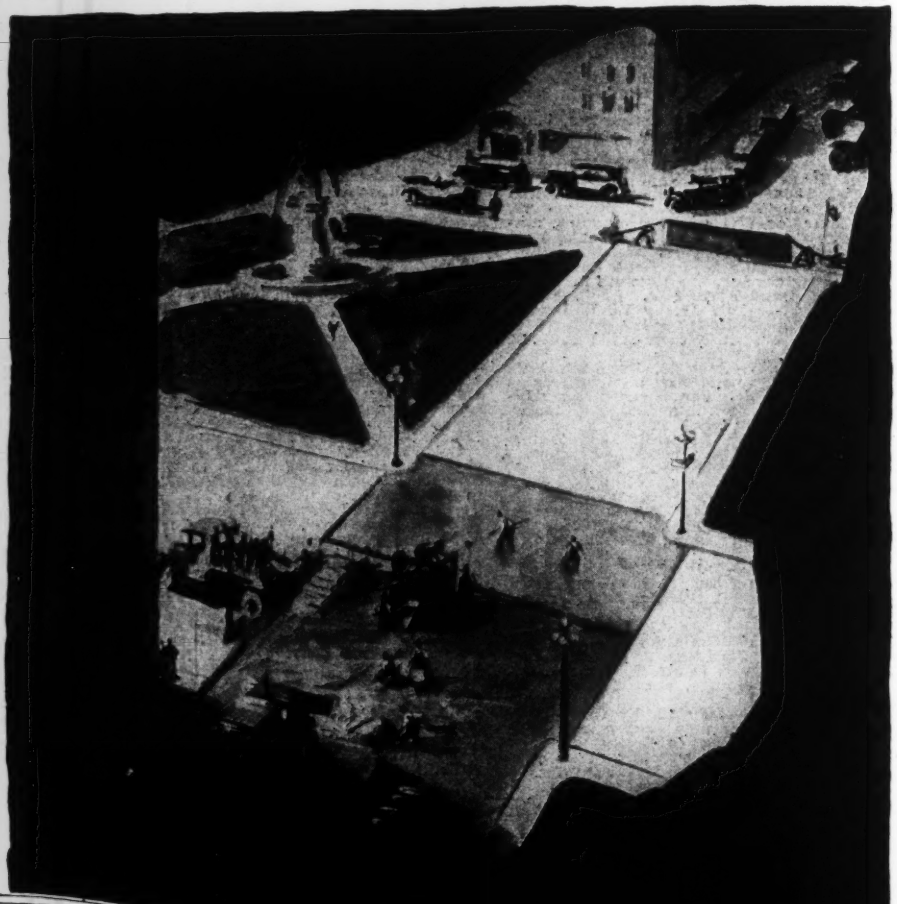

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Universal Cement

In paving Quarry Street, Wheeling, W. Va., the contractors, Consolidated Engineering Company, secured *High-Early-Strength* Universal Concrete thru use of fully tested methods and standard—not special—Universal cement, furnished by Builders' Supply & Fuel Co. For full details, use the accompanying coupon.

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Without obligation, please send me detailed information on methods for securing strong concrete in 3 *days* with the usual materials.

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2245 *Lb.* Concrete in 3 *Days* As Against *2000 Lb.* Concrete in *28 Days*

Good concrete as ordinarily placed develops a compressive strength of about 2000 pounds per square inch at *28 days*. In the paving of Quarry Street, Wheeling, W. Va., the engineers used fully tested methods and standard—not special—Universal cement to obtain *High-Early-Strength* concrete. At *3 days* the compressive strength of test cylinders averaged 2245 pounds per square inch.

Not only was the street opened weeks earlier, but because *High-Early-Strength* concrete also has a higher *ultimate* strength, the city obtained a *permanently* better and stronger pavement.

High-Early-Strength Universal Concrete may be made as workable as desired and used on all types of concrete work. For full details, use the accompanying coupon.

Universal Portland Cement Co.

Chicago Pittsburgh Minneapolis Duluth Cleveland Columbus New York

Concrete for Permanence

Bridges (Continued)

Tenn., Old Hickory—Davidson Co. Hy. Comn., Nashville, bridge, steel spans, steel approaches on concrete foundations, concrete piers faced with stone over Cumberland River, here, to Gould Contg. Co., Independent Life Bldg., Nashville, $763,639. Engrs. est. approximately $1,000,000. Noted June 2.

Kentucky—State Hy. Dept., Frankfort, one 90 ft. steel superstructure with concrete floor over Clarks River, on Murray-Eggners Ferry Rd., State Project 42-B, Calloway Co., to Vincennes Bridge Co., Vincennes, Ind., $7,578; also four 22 ft. one 38 ft. span rein.-con. overhead crossing over railroad tracks, on Whitley City-Somerset Rd., Federal Aid Project 170-A, McCreary Co., to Tevis & Ingram, Inc., Danville, $18,848. Noted June 9, under "Streets and Roads."

Illinois—State Dept. Pub. Wks. & Buildings, Div. Highways, Springfield, bridge on Route 51, Sect. 105-B, Will Co., to F. C. Feutz Co., Rochester, Ind., $11,146, Route 121, Sect. 105-B, Tazewell Co., to M. R. Sect. 106-B, Sangamon Co., to G. C. Fairclo, ington St., Peoria, $30,880; on Route 125, Deyo Mfg. & Constr. Co., 801 West Wash-Champaign, $10307; on Route 89, Sect. 127-B, Woodford Co., to Midwest Constr. Co., Mt. Carroll, $24,710; on Route 78, Sects. 148-B and C, Morgan Co., to Illinois Steel Bridge Co., Jacksonville, $20,000; and on Route 130, Sect. 121-B, Jasper Co., to G. H. Goodlink, Lawrenceville, $17,083. Grand total $114,276. Noted Mar. 26.

Ill., Chicago — Bd. Local Impvts., City Hall, east substructure for 175 ft. double leaf trunnion bascule bridge, 90 ft. over South Branch Chicago River, to Fitz Simmons & Connell D & D Co., 10 South La Salle St., $287,290; west substructure, to M. E. White Co., 1735 Fullerton Ave., $144,914; and superstructure, to Ketler-Elliott Co., 3121 South California Ave., $482,900. Grand total $915,104. This corrects report in June 30 issue.

Wis., Alma—See "Streets and Roads."

Kan., Alma—See "Streets and Roads."

Kan., Cottonwood Falls—Chase Co., South Fork Bridge 5, 120 ft. steel superstructure on concrete abutments, about 1 mi. from Bazaar, to Campbell Bros., 608 Manufacturers Exch., Kansas City, Mo. Noted June 2.

Missouri — State Hy. Comn., Jefferson City, to J. Kesl & Son, Edwardsville, two 10 ft. rein.-con. slab span bridge over Creek, St. Francois Co., $1,439; to Dexter Co., Dexter, two 10 ft. rein.-con. slab span bridge over Delaware Creek, Stoddard Co., $3,583; to Republic Concrete Constr. Co., Republic two 12 ft. slab span rein.-con. bridge over Creek, $3,171, and three 30 ft. deck girder span rein.-con. bridge over Messner Creek, $6,497, both in Shelby Co.; to O. H. Schmidt, Bartlett Trust Bldg., St. Joseph, one 80 ft. steel truss span and four 35 ft. beam span bridge over East Locust Creek $23,229 and three 25 ft. beam span bridge over overflow of East Locust Creek $4,096 both Sullivan Co. to McGlone & Walesby, Strasburg, two 10 ft. slab span rein.-con. bridge over Creek $2,594, one 80 ft. truss span, also two 24 ft. and two 20 ft. rein.-con. slab span bridge over Clear Creek, $14,238, repairing one 193 ft. span bridge over Creek $198, all foregoing in Clay Co.; to A. L. Skinner, Vienna, cleaning and painting steel work on 380 ft. bridge near Alton, Oregon Co. $1,250. Grand total $60,295. Noted June 14.

Tex., Harlingen — Southern Pacific Ry. Co., c/o W. R. Scott, pres., Houston, will build 1 span 300 ft. steel and rein.-con. bridge across Arroyo Colorado, near here. $160,000. Private plans.

Tex., Houston—See "Streets and Roads."

Tex., Quanah—See "Streets and Roads."

Tex., Sanderson — See "Streets and Roads."

Wash. Seattle—Bd. Pub. Wks., bridge over Fairmount Ave., on Admiral Way, to T. E. Jones, Colman Bldg., $41,629. Engrs. est. $45,300.

Dams

Contracts Awarded

N. H., Claremont—Sullivan Mchy. Co., c/o C. T. Main, Inc., 201 Devonshire St., Boston, Mass., pipe line, power house and dam, to F. T. Ley Co., Inc., 20 Providence St., Boston, Mass.

Railways

Proposed Work

Montana — Northern Pacific Ry., H. E. Stevens, ch. engr., St. Paul, Minn., plans 25.77 mi. railway on opposite side Bitter Root River, in Ravalli Co., here. $861,474.

Excavation, Drainage, Irrigation, Levees, River and Harbor

Proposed Work

Texas — District to be organized, c/o Pease & Red River Valley Irrigation Assn., c/o B. T. Johnson, secy. owner, Electra, made outline surveys irrigating 200,000-300,000 acres land between Quanah and Burkburnett, on Pease and Red Rivers. $5,000,000-$6,000,000 bond election soon for same. Montgomery & Ward, 544 Harvey Snider Bldg., Wichita Falls, associated engrs.

Bids Desired

Ill. Virginia—July 22, by Comrs. Clear Lake Special Drainage Dist. at office G. Petfish, clk. Cass Co., rebuilding and repairing 245 stations Sangamon River Levee in above district, incl. handling 100,000 cu.yd. excav. Goodell & Millard, Beardstown, engrs.

Ia., Jefferson—July 25, at office Auditor Greene Co., repair and replacement work in Joint D. D. 18, Greene Co. and 35 Webster Co. (Ft. Dodge), incl. 38,600 ft. 10- to 36-in. tile, also 66 ft. 12 in. and 42 ft. 10 in. sewer pipe. S. J. Melson, Jefferson, engr.

N. B., Green Point—July 19, by S. E. O'Brien, secy. Dept. Pub. Wks., Ottawa, Ont., breakwater, here. $16,000.

Ont., Cookstown—July 16, by T. Robinson, clk. Tecumseh Twp., constructing Nottawasaga Drain, incl. 197,401 cu. yd. earth excav. $75,000. V. W. Christie, Court House, Orangeville, engr.

Contracts Awarded

Mass., Winthrop—Dept. Pub. Wks., Boston, 2,500 tons stone chips and 10,000 tons heavy granite rip rap, etc. about wall 1,200 ft. long at Great Head, here, to L. S. White, 25 Huntington Ave., Boston, $66,875.

Md., Baltimore — Bd. Awards, dredging 125,000 sq.yd. harbor, and constructing 1,915 ft. bulkhead with concrete walls, to Empire Contg. Co., 31 South Calvert St. $752,323. Noted June 23.

Miss., Bay St. Louis—Bd. Supervs. Hancock Co., 10 mi. rein.-con. seawall along gulf coast, to C. F. Lytle Co., Gulfport, and 504 Nebraska St., Sioux City, Ia., $800,855. Engrs. est. $1,250,000. Noted Mar. 4.

La., Lake Charles—Sulphur D. D. 3, E. Gayle, secy., 4-5 Frank Bldg., 63,414 cu.yd. dredging, etc., in drainage canals, to Forgey & Hanson, Eunice, at $0.133 per cu.yd. Noted June 9.

Ont., Collingwood—Dominion Govt., Ottawa, dredging, here, to C. S. Boone Dredging & Constr. Co. Ltd., Excelsior Bldg., Toronto, $29,600.

Streets and Roads

Proposed Work

Fla., Fort Myers—Making plans paving various streets. $2,000,000. C. N. Stanley, city mgr.

Bids Desired

New Hampshire—July 15, by State Hy. Dept., Concord, 3 in. on 6 in. gravel paving 2.77 mi. Hudson Derry Rd., Rockingham Co., 18 ft. $40,000. W. M. Prescott, Concord, engr.

Vt., Johnston—July 15, by State Hy. Dept., Montpelier, 1 course concrete paving, etc. 1,695 ft. highway, here. State Hy. Dept., State House, Montpelier, engr.

Massachusetts—July 19, by Dept. Pub. Wks., Boston, bituminous concrete paving 19,841 ft. highway in Orleans and Eastham; and bituminous macadam paving 15,038 ft. in Charlton, both 18 ft. W. F. Williams, comr.

Massachusetts — July 19, by State Hy. Dept., Boston, bituminous macadam surfacing 2,500 ft. highway in West Boylston, 4,400 ft. Groveland, and 8,600 ft. Templeton; gravel with bituminous surface treatment 4,900 ft. at Pepperell; and rein.-con. surfacing 1,000 ft. at Salem, all 18 ft. W. G. Williams, comr.

Conn., Stamford—July 18, by Selectmen's Office, concrete paving 6,500 lin.ft. Glenbrook Rd., Courtland and Church Sts., etc. $50,000. J. C. Williams, city engr.

New York—July 22, by A. W. Brandt, comr. Highways, Dept. Pub. Wks., Albany, grading 4.25 mi. Jones Beach Causeway, Nassau Co. J. S. Bixby, Pleasant Valley Rd., Poughkeepsie, dist. engr.; adv. E. N.-R. July 14.

N. Y., Brooklyn—July 20, by J. J. Byrne, pres. Brooklyn Boro, Boro Hall permanent asphalt on concrete paving Rutland Rd.; grading East 13th St.; grading, curbing and flagging 61st and East 49th Sts.; grading and granite on concrete paving, etc. 39th St., Wythe and Norman Aves.; asphalt on concrete paving Canal St.; grading, curbing, flagging, asphalt on 6 in. concrete paving Avenue O, Lefferts, 17th and Narrows Aves., Junius, 51st, West 12th and North 15th Sts., etc.; concrete base paving Bedford Ave.; also grading and asphalt resurfacing by heater method Albermarle Rd., Williams Pl., East New York, Glenmore and Sutter Aves., 44th, and Seeley Sts.

N. Y., Brooklyn—July 19, by Park Bd., at office Dept. Parks, Arsenal Bldg., Central Park, New York City, grading southerly side 66th St. between 7th and 8th Aves., here.

N. Y., Mount Pleasant — July 25, by Westchester Co. Park Comn., 72 West Pondfield Rd., Bronxville, grading, etc., 4/5 mi. Bronx Parkway Extension from New York Central R.R. to Bway. and Hawthorne, here. J. Downer, Bronxville, ch. engr.; adv. E. N.-R. July 14.

N. Y., New York—July 19, by J. Miller, pres. Manhattan Boro, Boro Hall, repairing wood block, granite block and Oak Key block pavements when and where directed in railroad area, in Manhattan Boro.

N. Y., Syracuse—July 18, by Bd. Contr. & Supply, City Hall, grading, curbing and paving 49,310 sq.yd. Wendell Terrace and Midland Aves., Fineview, Stadium and Garfield Pls., East Fayette, Cannon, Oakland, West Jefferson, Bennington and Emma Sts.; grading 1,900 cu.yd. Atkinson Ave.

N. J., Somerville—July 26, by Bd. Freeholders Somerset Co., Court House, grading and 8 in. rein.-con. paving Sect. 1, Easton Avenue Turnpike Rd. O. Smith, Jr., co. engr.; adv. E. N.-R. July 14.

N. J., Teaneck (mail West Englewood) —July 19, by Twp. Com., Municipal Bldg., curbing, sewers, 6 in. rein.-con. paving Elizabeth Ave., Teaneck Twp. A. Noack, 235 Main St., Hackensack, engr.

N. J., Teaneck (mail West Englewood)— July 19, by Twp. Com., Municipal Bldg., temporary waterbound macadam paving, etc., West Englewood Bridge Approach; curbing, sewer connections and 6 in. rein.-con. paving Tessen St. A. Noack, 235 Main St., Hackensack, engr.

Pennsylvania—July 28 and 29, by Dept. Highways, Harrisburg, rein.-con. and bituminous surface treated macadam paving approximately 32 mi. 17 projects in Adams, Allegheny, Beaver, Berks, Blair, Columbia, Dauphin, Erie, Fayette, Monroe, Northumberland Somerset Warren and Westmoreland Counties; also 1 bridge in Huntingdon and Indiana Counties. J. L. Stuart, secy. highways.

Pa., Phila.—July 21, by Dept. Pub. Wks., Bureau Highways, relaying existing granite blocks on concrete paving 2,565 ft. Broad St. from Venango to Butler Sts. and Bellfield to Loudon Aves., 69 ft., Contr. 166, Broad St. Subway.

Maryland — July 19, by State Roads Comn., Baltimore, concrete paving 2.83 mi. Contr. P-71, Prince George Co., 1.94 mi. Contr. Ce-61, Cecil Co., and 1.23 mi. Contr. T-26, Talbot Co.; macadam resurfacing 2.77 mi. Contr. H-58, Harford Co. J. N. Mackall, chn.; adv. E. N.-R. July 14.

Md., Baltimore—July 20, by Bd. Awards, grading, curbing, and sheet asphalt paving 15,470 sq.yd. streets listed Contr. 417; concrete paving 8,100 sq.yd. and granite block repaving 300 sq.yd. streets listed Contr. 418. S. Purcell, highways engr.

W. Va., Clarksburg—July 26, by Harrison Co. Court, Court House, stone base or concrete surfacing 1.5 mi. Robinson Run Rd., and 1.2 mi. Jones Run Rd., also grading, etc. 1 mi. Cunningham Run Rd., all Eagle Dist., bituminous surfacing 1.5 mi. Sycamore Creek Rd., Union Dist., also 45 ft. span rein.-con. arch bridge over Salem Fork of Tenmile Creek, Tenmile Dist., one 32 ft. and one 40 ft. span rein.-con. arch

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OTHER PLANTS

ST. LOUIS PARK, MINN. SEATTLE, WASH. MOBILE, ALA. NORFOLK, VA. SALT LAKE CITY, UTAH

Streets and Roads (Continued)

bridge over Jones Run River, Eagle Dist. M. L. Loudin, clk.

Ala., Birmingham—Aug. 1, by City Comn., 2 in. asphalt on 6 in. concrete paving, etc. 9 blocks Georgia Rd., 27 ft. $49,250, 4 blocks 18th Pl., 40 ft. $25,115, 4 blocks Ave. H, Ensley, 30 ft. $21,000, and 2 blocks 3rd and 4th Aves., 30 ft. $11,900; also curbing, guttering, walks and 2 in. asphalt on 6 in. concrete paving 5 blocks 17th Pl., Princeton Court, and St. Charles Ave. 27 ft. and 30 ft. $32,650, 6 blocks Ave. G, Ensley, 27 ft. $25,000, and 1 block 12th St., 40 ft. $5,800. A. J. Hawkins city engr.

Kentucky—Aug. 26, by State Hy. Dept., Frankfort, surfacing 11.4 mi. Mayfield Fulton Rd., Graves, Hickman and Fulton Counties. E. N. Todd, highway engr.

Kentucky—July 22, by State Hy. Dept., Frankfort (**S.P. means State Project**), bituminous surfacing 3.2 mi. Sharpsburg-Owingsville Rd., S.P. 61-C, Bath Co.; 3.65 mi. Pineville-Colmar Rd., S.P. 299-A, Bell Co.; 6.3 mi. Florence-Burlington Rd., S.P. 5-U, Boone Co.; 8.23 mi. Brooksville-Augusta Rd., S.P. 48-A and 3.5 mi. Brooksville-Cynthiana Rd., S.P. 58½-D, Bracken Co.; 6 mi. Newport-Alexandria Rd., S.P. 21-A, and 4.5 mi. Alexandria-Falmouth Rd., S.P. 2-G, Christian Co., 5.3 mi. Lancaster-Nicholasville Rd., S.P. 23-D, 2.6 mi. Lancaster-Stanford Rd., S.P. 23-E, 6.93 mi. Camp Rix-Robinson-Lancaster Rd., S.P. 25-E, and 3 mi. Lancaster-Nicholasville Rd., S.P. 97-A, all Garrard Co.; 6.64 mi. Elizabethtown-Bardstown Rd., S.P. 46-K, Hardin Co.; 5 mi. Cynthiana-Falmouth Rd., S.P. 21-E and 7.3 mi. Cynthiana-Georgetown Rd., S.P. 58½-B, Harrison Co.; 3.1 mi. Nicholasville-Russell Cross Roads Rd., S.P. 166-A, Jessamine Co.; 9.8 mi. Somerset-Stanford Rd., S.P. 22-G, Lincoln Co.; 12.34 mi. Richmond-Berea Rd., S.P. 5-K, Madison Co.; 2.3 mi. Lebanon-Danville Rd. S.P. 25-B, Marion Co.; 2 mi. Falmouth-Cynthiana Rd., S.P. 21-D, Pendleton Co.; 3.494 mi. Georgetown-Paris Rd., S.P. 32-L, Scott Co.; 3.5 mi. Frankfort-Shelbyville Rd., S.P. 17-C-1, Shelby Co.; and 3.7 mi. Springfield-Harrodsburg Rd., S.P. 47-C, Washington Co., all 14 to 18 ft. wide. E. N. Todd, highway engr.

Ohio—July 15, by G. F. Schlesinger, dir. Hys. & Pub. Wks., Columbus, concrete or bituminous macadam paving 1.581 mi. Sect. "S" Chagrin-Falls-Greenville Rd., Trumbull Co., $65,613; brick or concrete paving 3.317 mi. Sect. "A-I" Dennison-National Rd., Tuscarawas Co. $103,135, Sect. 2 same project furnishing and delivering brick $35,-280; also surface treating 143.43 mi. roads in Carroll, Belmont, Clark, Columbiana, Fayette, Geauga, Guernsey, Harrison, Logan, Pickaway and Seneca Counties, $108,940.

O., Akron — July 18, by W. F. Peters, dir. Pub. Serv., sheet asphalt and brick paving, etc., 26,200 sq.yd. Ridgecrest Rd., Moreley Ave., Fried and East Exchange Sts. E. A. Kemmler, Municipal Bldg., engr.

O., Cincinnati—July 22, by Bd. Comrs. Hamilton Co., grading and 9 in. asphaltic macadam repaving, etc., 30,600 sq.yd. 3 Mile Rd. $78,995. E. A. Gast, Court House, engr.

O., Columbus—July 16, by O. Moore, clk. Franklin Co., grading and waterbound macadam paving 1.989 mi. Cooper Rd., in Blendon Twp., 18 ft. $52,428. Former bids rejected. Noted June 2.

O., Hamilton—July 19, by E. O. Roll, clk. Butler Co., tar macadam surfacing 80,590 ft. Oxford-Brookville Rd., Billingsville Rd., Oxford-Collinsville Rd., and Princeton Rd., 14 and 16 ft., in Oxford Twp. $30,000.

Ind., Greencastle—July 18, by Common Council, grading and paving Jackson St., concrete $17,503, asphaltic concrete $15,107, wooden block $26,550, or brick $27,629. G. Ensign, city clk.

Ind., Huntington — July 16, by Comrs. Huntington Co., constructing John M. Roush et al Highway. $49,021. C. A. Griffith, Huntington, aud.

Ind., Indianapolis — July 15, by Bd. Comrs. Marion Co., constructing highway in Center and Warren Twps. $49,016. H. Dunn, Indianapolis, aud.

Ind., South Bend—July 18, by Comrs. St. Joseph Co., concrete paving O. B. Robbins Rd. $67,250, and Samuel Grenert Rd. $18,-625. C. Sedgwick, South Bend, aud.

Michigan—July 16, by R. R. Havens, resident engr., 829 Greenwood Ave., Jackson, concrete paving 1.405 mi. T. L. 34-8 Project MO46-7 Contr. 1, Lenawee Co., 20 ft., for State Hy. Dept., Lansing. Noted June 16.

Michigan—July 27 (extended date), by G. H. Greene, resident engr., Fletcher Bldg., Alpena, concrete paving 5.171 mi. F. A. 123, Sect. C-1, Project F-016-13, Contr. 2, Cheboygan Co., 20 ft., for State Hy. Dept., Lansing. Noted July 7.

Ill., Woodriver—July 21, by W. E. Howden, engr., Court House, grading, concrete paving, etc., 4.5 mi. Edwardsville-Alton and Woodriver-Bethalto Highways, 18 ft., for Woodriver Twp. $125,000. Noted June 16.

Wisconsin—July 19, by Hy. Comn., Div. 8, 1st Natl. Bank Bldg., Superior, graveling, etc., Cameron-Ladysmith Rd., Barron Co., Federal Aid Project 372-A, 6.78 mi. same road, Project 372-B, Rush Co.; also concrete paving, etc., 0.3977 mi. Amery-Apple River Rd., State Aid Project 8298, Polk Co. H. J. Kuelling, highway engr.

Minn., Crookston—July 20, by Polk Co., improving 12 mi. Job 2703 Crookston-Melvin Rd., 130,000 cu.yd. excav., 6 monolithic culverts, 189 cu.yd. concrete, etc. $26,-000. E. H. Harding, Crookston, co. engr.

Kan., Ellsworth—Aug. 4, by Clerk Ellsworth Co., grading, etc. 7.697 mi. Federal Aid Project 62-B 28 ft. B. Storey, Ellsworth, co. engr.

Kan., Erie—July 28, Clerk Neosho Co., grading chats surfacing, etc., 10.28 mi. Federal Aid Project 380-A, 28 ft. C. P. Donald, Court House engr. Noted June 2.

Neb., Omaha—July 19, by J. P. Hoctor, city clk., grading, curbing, guttering and paving 25th, 26th and Park Aves., 6 streets and several alleys. H. Beal, city engr.

Mo., Clayton (Ind. br. St. Louis)—July 20, by W. E. Miller, clk. St. Louis Co., grading and concrete paving, etc., 1,200 sq. yd. Central Ave., 1,860 sq.yd. Greenway St., 4,252 sq.yd. Hunter St., and 2,300 sq.yd. Jefferson Ave. R. Jablonsky, Court House, engr.

Tex., Abilene—July 19, by R. S. Sterling, chn. State Hy. Comn., Austin, grading, etc. 10.38 mi. Highway 1, Federal Aid Project 444-I, 26 ft., Taylor Co. W. J. Van London, Abilene, engr. Noted Apr. 7.

Tex., Cleburne—Taking bids hard paving 14 blocks various streets, 18 ft. $40,-000. C. H. Teesdale, Cleburne, engr.

Tex., San Antonio—July 29, by Comrs. Bexar Co., ashalt or its equal paving 5 mi. McCullough Ave., Robertson, Basse and Maltzberger Rds., 18 ft. $30,000. G. Collins, Courthouse, co. engr.

Calif., San Diego—July 25, by Common Council, curbing, guttering and 30,521 sq.ft. walks, etc. on Arosa, Gilcher Sts., etc.; also 6 in. asphaltic concrete paving 97,697 sq.ft. Elliott and Rosecrans Sts. F. M. Lockwood, city engr.

Ontario—July 18, by R. M. Smith, acting deputy minister Dept. of Pub. Highways, Parliament Bldgs., Toronto, concrete paving 3 mi. provincial highways in Mildmay and Clifford, Contr. 27-86, also grading and concrete paving, etc. 1.7 mi. Burlington Beach cut-off, Contr. 27-87. $75,000.

Contracts Awarded

Me., Portland—Granite Block paving 15,-740 sq.yd. Park Ave., to Moniter Constr. Co., Portland.

Mass., Boston — Granite block paving Alford St., etc., to Walsh & Co., 52 Washington Ave., Chelsea. Engrs. est. $25,000. Noted June 16.

Mass., Ipswich — Sheet asphalt paving Washington St., to Welch & Moynihan, Salem. $26,947.

Mass., South Braintree (Ind. br. Boston)—Grading and sewerage works in Noak Torrey Primary School and new High School, to L. K. Cotlon, North Abington. Engrs. est. $25,000.

Connecticut — For 2½ bituminous macadam on 4- to 7-in. stone paving 31,680 ft. Rockville-Ellington Rd., 18 ft., in Ellington, to F. Arrigoni & Son, Middletown, $93,-635; 9 in. rein.-con. paving Boston Post Rd. in Greenwich, to P. Mitchell, Cos Cob, $83,715; and 8 in. trap waterbound macadam paving 12,292 ft. in Hebron, 18 ft., to L. Suzio Constr. Co., State St., Meriden, $65,995. Grand total $243,345.

New York—A. W. Brandt, comr. Highways, Albany, (**e.e. means engineers estimate**) reconstructing 1.47 mi. Repair Contr. 3176, White Plains-Armonk Highway 35, Westchester Co., to P. Lucian & Son, 52 Grove St., White Plains, $120,750 e.e. $157,-496; 3.2 mi. Repair Contr. 1625, Jericho Turnpike-Plainview Rd. 436, Nassau Co., to R. W. S. Corp., 185 New York Ave., Huntington, $163,960 e.e. $221,444; 0.39 mi. Sparkill Viaduct on State Highway 5714, New Jersey State Line-Nyack Rd., Rockland Co., to F. F. Baker, Mechanicsville, $270,634 e.e. $316,355; 2.63 mi. Repair Contr. 3178, Auburn-Seneca Falls, Highway 590, Cayuga Co., to Scott Bros. Constr. Co., Inc., 117 North Washington St., Rome, $142.554 e.e. $182,120; 9.62 mi. Highway 8262, Bristol Springs-Bristol Center, Bristol-Bloomfield Rd., Part 1A, Ontario Co., to Achnellman, Inc., Buffalo, $250,535 e.e. $416,417; 3.56 mi. Repair Contr. 3177, Falconer-Kennedy, Highway 698, Levant-Poland, Highway 5053, and 2.64 mi. Repair Contr. 1624-3174, Mayville-Westfield Highway 5434, both Chautauqua Co., to Webber Co., Lakewood, $149,114 and $108,876 respectively e.e. $205,234 and $147,015 respectively; 5.89 mi. Highway 8284, Myers-Kings Ferry Rd., Part 3, Tompkins Co., to P. D. Conley Constr. Co., Inc., Ithaca, $206,785 e.e. $256,548; 0.14 mi. Highway 5713, East Galway-Saratoga Rd., Part 3, Saratoga Co., to W. M. Bronk, Hudson Falls, $6,353 e.e. $6,539; 4.17 mi. Repair Contr. 3175, Schodack Center-Valatie Rd. Part 4, Highway 5074, Columbia Co., to H. W. Patterson, 80 Genesee St., Hornell, $226,726 e.e. $317,865; 4.59 mi. Repair Contr. 3173 Elbridge, Highway 487, Elbridge-Camillus Rd. Part 1, Highway 5080, Onondaga Co., to Dale Eng. Co., 404 Court St., Utica, $254,740 e.e. $329,-045. Grand total $1,901,027. Noted June 23.

N. Y., Auburn—J. P. Jaeckel, city mgr., City Hall, grading and paving Osborne St. and Woodlawn Ave., to Brayer Bros., Auburn, $259 and $22,125 respectively. Noted June 16.

N. Y., Brooklyn — J. J. Byrne, pres. Brooklyn Boro, Boro Hall, grading Meadow Pl., to Grimm Contg. Co., 170 McKinley Pl., $3.946; sheet asphalt paving Nevins St., to Cranford Co., 52 9th St. $10,786, Pitkin Ave. and repaving Crescent St., to Highway Impvt. & Repair Co., Furmans Island, $92,-431 and $8,447 respectively, Union Ave., to Sicilian Asphalt Paving Co., 41 Park Row, New York City $6,846, and 4th Ave., to Brooklyn Alcatraz Asphalt Corp., 407 Hamilton Ave. $253,183. Grand total $375,-639. Noted June 16.

N. Y., Brooklyn — J. J. Byrne, pres. Brooklyn Boro, Boro Hall, to Castle Bros., Johnson Pl., grading, curbing, etc. East 34th St. $2,243, to F. C. Kohart, 1784 East 21st St., Van Siclen Ave. $12,648, and to F. DeVito, 158 17th St., 80th St. $5,635; to Leonard Paving Co., 233 Bway., New York City, granite block on concrete paving Clinton Ave., $23,667; to Uvalde Asphalt Paving Co., 1 Bway., New York City, sheet asphalt on concrete paving East 92nd St. $6,496. Cleveland Trinidad Paving Co., Flushing, Kent Ave. $31,577, and Livonia Ave. $3,883, to B. Turecamo Contg. Co., 8706 Bay 12th St., Marine Ave. $9,255, West 7th St. $16,301, and 52nd St. $11,609, to D. J. McCoy Asphalt Co., Avenue U and East 57th St., Ocean Ave. $210,298, and to Cranford Co., 52 9th St., 39th St., etc. $105,-220. Grand total $438,832. Noted June 9.

N. Y., New York—J. Miller, pres. Manhattan Boro, Municipal Bldg., asphalt block on concrete repaving Fort Washington Ave., to Regan Towers Co., 124 West 121st St., $61,994; and granite block repaving South St., to J. Meehan & Sons, Inc., 90 West St., $115,385. Noted June 30.

N. Y., St. George — J. A. Lynch, pres. Richmond Boro, Boro Hall, bituminous concrete repaving Forest Ave. and Forest Hill Rd., to J. E. Donovan Paving Co., 2207 Richmond Terrace, Port Richmond, $49,525 and $14,151 respectively; grading and curbing Bard Ave. and granite block paving Bay St., to Vanbro Constr. Co., 24 Elizabeth St., West New Brighton, $4,410 and $3,601 respectively. Grand total $71,-687. Noted June 23.

Pennsylvania—State Hy. Comn., Harrisburg (**R means Route and A means Application**), rein.-con. paving 10,158 ft. R-157 Sect. 1A Ontelaunee and Maiden Creek Twps. and 16,466 ft. R-518 Sect. 2 A-4632, Cumrut and Bricknock Twps., to Bryant & Kohl, Central Railroad Yards, Wilkes-Barre $99,910 and $154,217 respectively, also 21,737 ft. A-3842 Sect. 2-A, Ruscomb-Manor and Rockland Twps., to York Eng. & Constr. Co., 21 West Market St., York, $114.959, all foregoing in Berks Co., 22,520 ft. R-215, East Lampeter Twp. Lancaster Co., to Union Paving Co., 123 South 21st St., Phila. $219,396, R-162 Sect. 2, Rahn Twp., to Rudolph & Delano, Tamaqua $68,-859, and R-161 Sect. 3 East Norwegian Twp., to Pottsville Constr. Co., Pottsville $99,786, both in Schuykill Co., 1,200 ft. R-276R-Cresson Twp., Cambria Co., to Clark Bros., Cherry Tree $23,647, 4,369 ft. A-4539 Mt. Pleasant Twp., Westmoreland Co., to Mt. Pleasant Constr. Co., Mt. Pleasant $32,349, 2,830 ft. R-Q-Middle Paxton Twp., Dauphin Co., to Continental Constr. Co., Knickerbocker Bldg., Baltimore, Md. $48,465, 37.309 ft. R-6-Sect. 2, Canaan and Texas Twps., Wayne Co., to D. Schoentag, Saugerties, N. Y. $436,946, 11,-871 ft. R-60, Winston Twp., Jefferson Co., to Avery & Bailey, Philipsburg $135,511, 3,157 ft. R-29-Derry Twp., Mifflin Co., to Rauch & Kessler, Northumberland $40,815, and 8,461 ft. R-183-A-3365-Montour Twp., Columbia Co., to Vipond & Strite, Hollidaysburg $80,083; also constructing 2 span 159

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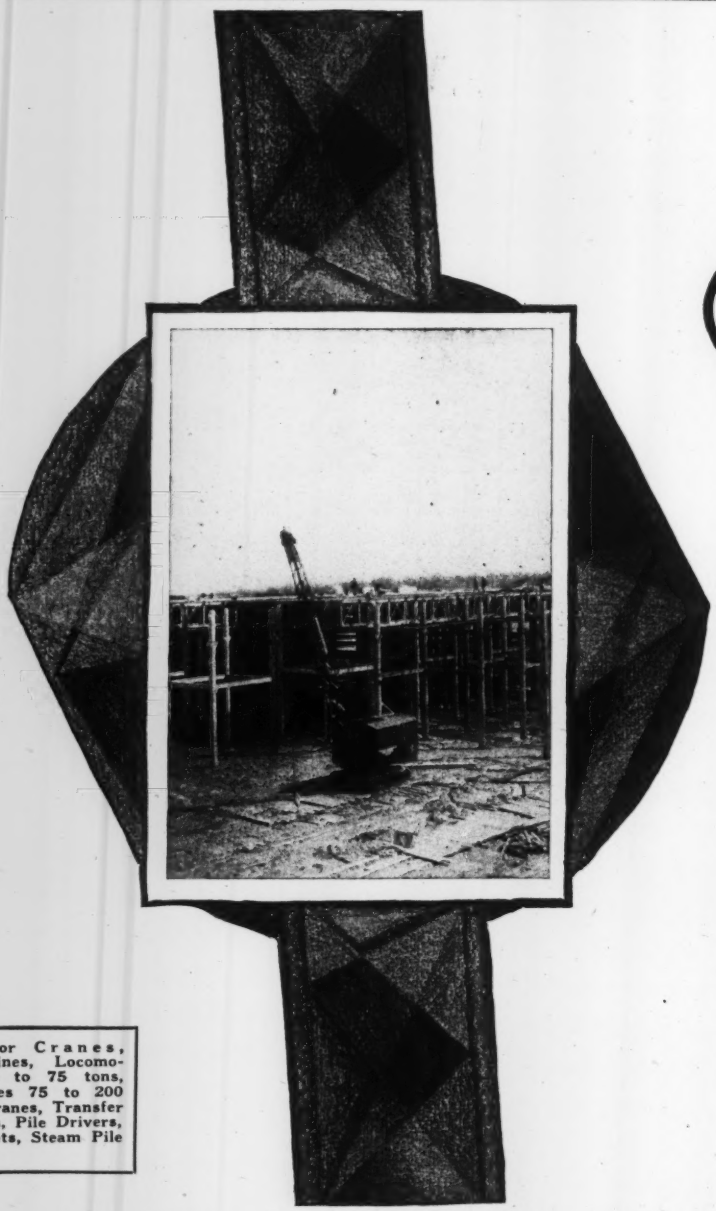

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St. Louis, Mo. Railway Exhange Bldg.

Streets and Roads (Continued)

ft. plate girder bridge, 24 ft. roadway over Chickies Creek, Lancaster Co., to P. M. Sherich, Lancaster, $59,208. Grand total $1,614,151. Noted May 19 and June 9.

Pa., Phila.—Dept. City Transit, H. E. Ehlers, dir., approximately 9,000 sq.yd. granolithic sidewalks on both sides Broad St., to Elkins Paving Co., 524 North Holly St., $26,500. Noted June 30.

Pa., Phila. — Bureau Highways, Dept. Pub. Wks., to Curtis Bros., State Rd. and Unruh St., grading County Line Rd. $20,747, to J. Molloy, 15 East Meramid Ave., Briar Rd. $5,137, to J. Ciccone, 5732 Westminster Ave., 66th and 67th Sts., $12,810; to Eastern Asphalt Co., Penn Bldg., asphalt paving Johnston St. $6,698; to Municipal Constr. Co., Washington Trust Bldg., asphalt repaving Bainbridge St. $27,905, Wayne St. $24,458, 20th St. $9,481, 22nd St. $9,845, and 43rd St. $4,855; to M. and J. M. McHugh, 892 North Market St. paving and repaving certain alleys in 2nd Dist. $2534 and in 5th Dist. $587; to Union Paving Co. 123 South 21st St. grading Bensalem Ave. $212,204, redressed granite block repaving Spruce St. $19,245, and asphalt paving mixtures $50,750; to United Paving Co., Widener Bldg., redressed granite block repaving Rittenhouse St. $24,655. Grand total $431,911. Noted June 23.

Pa., Monessen—Brick paving Center Ave. from Wilson to Midland Aves, to T. Arigo, Charleroi, $30,075.

Delaware—State Hy. Dept., Dover, concrete (slag) paving, etc. 5,160 cu.yd. Dublin Hill to Woodenhawk, Contr. CS58, to W. Roach, Georgetown, $92,883. Noted May 26.

Maryland — State Roads Comn., Baltimore, concrete shoulders on 3.67 mi. Contr. Ce-10-B, Cecil Co., to Broad Creek Contg. Co., Elkton $25,740, and 7.5 mi. on Contr. F-16-A, Frederick Co., to E. C. Valentine, Rocky Ridge, $50,952; also graveling 1.7 mi. Contr. Ch-43, Charles Co., to G. B. Mullin Co., 1296 Upshur St. N. W., Wash., D. C., $11,770. Noted May 12 and 19.

Maryland—State Roads Comn., Baltimore, graveling 2 mi. Contr. C-28, Calvert Co., to Jarboe & Houghton, Mechanicsville, $14,714; macadam resurfacing 1 mi. Contr. F-102, Frederick Co., to P. E. Russell, Frederick, $11,052; concrete paving 1.4 mi. Contr. Q-39, Queen Annes Co., to Layfield & Waller Paving Co., Salisbury $22,744, and 1.5 mi. Contr. S-26, Somerset Co., to Hannemann-Burroughs Co., Salisbury $28,226; concrete shoulders on Contr. W-32, Washington Co., to H. W. Kaylor, Hagerstown $5,763, and 3.05 mi. Contr. B-84, Baltimore Co., to H. T. Campbell Sons Co., Towson $34,028. Grand total $116,500. Noted June 9.

Md., Baltimore—Bd. Awards, sheet asphalt paving 11,100 sq.yd. streets listed Contr. 411, to Amer. Paving & Contg. Co., Montebello Ave., $51,812; concrete paving 15,500 sq.yd. streets listed Contr. 410, to Arundel Contg. Co., Knickerbocker Bldg., $32,517; grading and concrete paving footways in Footway Contr. 102, to N. Apicella, 224 Albemarle St., $25,450. Grand total $109,778. Noted June 23.

Md., Towson—Comrs. Baltimore Co., concrete paving 1.49 mi. streets listed in Group 9, and 1.18 mi. 3 avenues in Group 8, to P. Reddington & Sons, 2 East Lexington St., Baltimore, $51,386 and $45,071 respectively. Noted June 16.

Ga., Savannah — J. W. Mathe, dir. Pub. Wks., City Hall, concrete paving 51st St. between Waters Ave. and Bee Rd., to Pritchard-Raines-Hazlehurst Co., Southern Bell Telephone & Telegraph Bldg., $27,603. Engrs. est. $27,603.

Alabama—State Hy. Dept., Montgomery, grading and surfacing, etc. 11.5 mi. roadway between Troy and Crenshaw Co. line, Federal Aid Project 182, Pike Co., to A. H. Singer, Lafayette, $80,779.

Miss., Jackson—Bd. Supervs. Hinds Co., grading, etc., 7.575 mi. Federal Aid Project 184-B, to Williams Bros., Osyka, $71,089. Noted May 26.

Miss., Laurel—Jones Co., improving 2.027 mi. Laurel-Meridian Rd., Federal Aid Project 183, 3,046 cu.yd. grading, 28,890 cu.yd. borrow, 117,335 lb. reinforcing and 42,400 lb. structural steel, 0.734 mi. Bermuda sod, 466 cu.yd. concrete hand rail, 3,032 ft. foundation piling, 459 sq.yd. concrete paving, etc., to J. A. and H. E. Pigford, Meridian and Russell, $49,919.

Kentucky — State Hy. Dept., Frankfort **(F.A.P. means Federal Aid Project, and S.A.P. State Aid Project)**, grading, etc. 4.631 mi. Florence-Warsaw Rd., S.A.P. 13-B, Boone Co., to Garrard & Patterson, Heidrick, $32,514, 14.696 mi. Richmond-Manchester Rd., F.A.P. 129-C, and S.A.P. 30-C, Jackson Co., to Berea Constr. Co., Berea $204,241, and 12.886 mi. Hindman-Dwarf Rd., S.A.P. 28 A and B, Knott and Perry Counties, to Codell Constr. Co., Winchester $201,522; bank gravel surfacing 11.003 mi. Hardingsburg-Hawesville Rd., F.A.P. 37-B, Breckinridge Co., to A. J. Hoffman, Skillman $85,922, 8.714 mi. Mayfield-Fulton Rd., F.A.P. 146-A, Graves Co., to N. E. Stone & Co., Madisonville $29,349, 9.318 mi. Brandenburg-Hardinsburg Rd., F.A.P. 65-A, Meade Co. and 7.213 mi. Hartford-Owensboro Rd., S.A.P. 11-E, Ohio Co., to Ellis, Kelly & Co., Owensboro $74,268 and $72,580 respectively; traffic bound macadam surfacing 4.392 mi. Brooksville-Falmouth Rd., S.A.P. 101-A, Bracken Co., to G. E. Miller, Visalia $38,037, 8.831 mi. Marion-Smithland Rd., S.A.P. 8-C, Crittenden Co., to Holly Flourspar Co., Marion $44,654, and 10 mi. Springfield-Lawrenceburg Rd., S.A.P. 152-A, Washington Co., to McElroy & Humphrey, 1557 East Washington St., Louisville $31,050. Grand total $814,137. Noted June 9.

O., Canton—Bd. Control, pressed brick paving, etc. 5 blocks Market Ave. N., 80 ft., to Garaux Bros. Co., Massillon Rd., $41,474. Engrs. est. $50,000. Noted Mar. 10.

O., Cadiz—Grading and concrete paving, etc. 10,111 sq.yd. Macon St., to B. C. Stoniger, Rayland, $29,357. Noted June 16.

O., Cleveland — Brick paving Elsienna Ave., to Roehl Bros., 7002 Dennison Ave. $17,872, East 68th St., to Cleveland Trinidad Paving Co., The Arcade $6,701, West 12th St. and concrete paving West 56th St., to Enterprise Paving & Constr. Co., 8444 Bway. $6,726 and $20,067 respectively; asphalt paving, etc. Neff Rd. Sects. 1 and 2, to Gould & Maybach Co., 16311 Saranec Rd. $21,145 and $34,754 respectively. Grand total $107,265.

O., Troy — Asphalt block repaving 8,000 sq.yd. South Market St., to J. M. Hennessey & Bros., Piqua, $28,000. Engrs. est. $30,000.

Ind., Bedford—Comrs. Lawrence Co., to W. E. Hendricks, constructing Lawrenceport Rd. $9,999, Bedford-Pinhook Rd. $19,990, also South Bedford and Leesville Rd. $11,844, to E. M. Jean, Slaughter Unit Rd. $9,000, and Holland Unit Rd. 1 $12,966, to O. P. Turley, Woodsferry and Spencer Co. Unit Rd. 4 $18,479, to H. V. Sutton, Chastain Co. Unit Rd. 2 $7,955, and D. S. Cox Rd. $6,562. and to G. Hillenberg, Aylette Younger Rd. $9,104, all foregoing contractors c/o J. H. Taylor, aud., Bedford; to W. J. Nees, South Bend, Bedford and Leesville Rd., $5,335; to E. Harding Shoals, Copcorn and Harrodsburg Co. Unit Rd. 5, $12,966; and to Bontrager Constr. Co., Elkhart, G-1 and V-2 Rds., $38,600. Grand total $162,800. Noted May 19.

Michigan—C. H. Brown, resident engr., 14380 Wyoming Ave., Detroit, concrete paving 7.17 mi. A. D. 462 Sect. B, Oakland and Macomb Counties, 20 ft., to J. A. McKay & Son, 16549 Woodward Ave., Detroit, for State Hy. Dept., Lansing, $188,074. Noted June 16.

Michigan—R. R. Havens, resident engr., Jackson, concrete paving 1.088 mi. T. L. 78-9 MO23-14, Contr. 1, Eaton Co., 20 ft., to Kalamazoo Paving Co., Kalamazoo, for State Hy. Dept., Lansing. $30,705. June 16.

Michigan—R. W. Roberts, resident engr., Saginaw, concrete paving 2.516 mi. T. L. 71-7 M976-19 Contr. 1, Shawassee Co., 8 ft., to L. M. Perry, Beaverton, for State Hy. Dept., Lansing, $28,314. Noted June 9.

Michigan—State Hy. Dept., Lansing, concrete paving 1.21 mi. T. L. 39-13 MO33-14 Contr. 4, 30 ft., to M. A. Holland & Co., 530 North Logan St., Lansing, $58,644. Noted June 16.

Michigan—At office City Clerk, St. Johns, concrete paving 1.833 mi. T. L. 14-60 Project M919-6, Contr. 1, Clinton Co., 20 ft., to Banhagel Constr. Co., Ionia, for State Hy. Dept., Lansing. $45,173. Noted June 9.

Michigan—H. C. Fleming, resident engr., Grand Rapids, concrete paving 2.07 mi. F. A. 185 A-1, FO41-10 Contr. 2, Kent Co., 20 ft., to State Constr. Division, Lansing. Former bids rejected. Noted June 9.

Illinois—State Dept. Pub. Wks. & Buildings, Div. Highways, Springfield, paving Route 39, Sect. 13-X, Champaign Co., to Hurden Constr. Co., Ferguson Bldg., Springfield $3,608, Route 47, Sect. 118, Grundy Co., and Route 30, Sect. 3, Peoria Co., to Hartman-Clark Bros. Co., 330 Peoria Life Bldg., Peoria $104,221 and $26,707 respectively, Route 52, Sect. 521, Cook Co., to Chicago Heights Coal Co., Chicago Heights $127,874, Route 113, Sect. 112, Will Co., to E. J. Tegge Constr. Co., Papineau $74,847, Route 18, Sect. 7-R, Cook Co., to S. Jaicks, Oak Park $39,407, Route 116, Sect. 115, Livingston and Ford Counties, to Mautz & Oren, Inc., Effingham $140,182, Route 125, Sect. 105, Sangamon and Cass Counties, to W. D. Lonegren Constr. Co., Sterling $92,750, Route 130, Sect. 121, Jasper Co., to Ransom & Sherwood, Enfield $137,115, Route 39, Sect. 1, McLean Co., to Cameron, Joyce & Co., Keokuk $130,119, Route 89, Sect. 121, Putnam Co., to Trompeter & Sons, Peru $123,014, Route 82, Sect. 136, Henry Co., to Central Eng. Co., Putnam Bldg., Davenport, Ia. $361684, and Route 24, Sect. 12, Sangamon Co., to Sangamon Constr. Co., Illinois Mine Wks. Bldg., Springfield $52,363; grading, etc. Route 4, Sect. F-1-A, Madison Co., to Edwardsville Constr. Co., Edwardsville $8,200, and Route 125, Sect. 106-A, Sangamon Co., to Hamilton-Hoffman Constr. Co., Carbondale $31,138. Grand total $1,453,249. Noted Mar. 26.

Ill., Arthur—Grading, curbing, guttering and 7 in. rein.-con. paving 16,178 sq.yd. Park, Pine, Lincoln and Logan Sts., to H. E. Menck & Co., Paris, $44,918. Engrs. est. $55 459. Noted June 23.

Ill., Barrington—Concrete paving 9,000 sq.yd. various streets, to Powers & Thompson, Joliet, $42,000.

Ill., Galesburg—Grading, curbing, guttering and vertical fibre brick paving South Cherry and East 2nd Sts., to H. H. Gunther, 600 East Main St., $20,927. Noted May 12.

Wis., Alma—J. Reinhardt, comr. Buffalo Co., to E. Blank, Cochrans, paving 1,000 ft. Schwinn Valley Rd. $5,424, 2,000 ft. Chancy Bitzan Pl. $10,861, and shale surfacing 3.5 mi. streets in Waumandee $11,617; to E. E. Toby, Fall Creek, paving 1,100 ft. Cook Valley Rd. $2,700, and Hutchinson Rd. $755; to Badger Stone Co., Fountain City, crushed rock surfacing Bohris Valley Rd. $5,907; to M. Hagen, Modena, constructing Smith Bridge $2,950, and Quarberg Bridge $1,002, to F. Metzler, Arcadia, Tierney Bridge $2,500 Kindschy Culvert $850, and Krug Culvert $1,400; to H. F. Hurtley, Mondovi, Kenyon Bridge $2,740 and Lorenz Bridge $1,917; to A. E. Emberson, Galesville, Lettner Bridge, $2,606. Grand total $53,229.

Wis., Juneau—E. C. Nitschke, comr. Dodge Co., to J. Ziehlke, Oakfield, graveling, etc. 6,000 cu.yd. Hulisburg East Rd., Project 2-A, in Herman $7,680, 8,700 cu.yd. Sects. 34, 27, 13 and 14 $9,918, and 8,000 cu.yd. County Trunk A, Project 16-A $7,520, to F. J. Balmer, Waterloo, 13,000 cu.yd. Project 13-A $19,240, to L. J. Dame, Taysheedah, 4,500 cu.yd. Project 5-A $5,850, and 4,000 cu.yd. Oak Grove-Chester Rd., Project 15-A $5,400, to W. Lind, Juneau, 4,500 cu.yd. North Shore Rd., Project 19-A $7,200, 4,000 cu.yd. County Trunk Highway 23-A $5,200, and 8,000 cu.yd. Project 28-A, County Trunk Highway H $10,800. Grand total $78,808.

Ia., Dakotah—Humboldt Co., to J. W. Donnelly, Gilmore, improving Project S-81 6,000 cu.yd. gravel 1 mi. haul at $0.36 per cu.yd., 9,600 units ½ mi. haul, $0.07, and 2,000 cu.yd. stripping $0.20; to Sampson Bros. Constr. Co., Algona, improving county maintenance, 6,125 cu.yd. gravel 1 mi. haul $0.25 and $0.30, 44,125 units ½ mi. haul $0.065 and $0.07, and 2,000 cu.yd. stripping, $0.14 and $0.19, and to R. Cook, Nevada, 1,500 cu.yd. gravel 1 mi. haul $0.34, 15,750 units ½ mi. haul $0.08 and 750 cu.yd. stripping $0.22.

Ia., Keokuk—For 6 in. rein.-con. paving 16,828 sq.yd. Belknap Blvd., Johnson, Bank and Timea Sts., and plain concrete paving 2,524 sq.yd. Timea St., to Keokuk Quarry & Constr. Co., Keokuk, at $2.11 nad $2.28 per sq.yd. respectively.

Ia., Glenwood—Mills Co., to E. A. Wickham & Co., Council Bluffs, improving Primary Project 479, 179,536 cu.yd. excav. at $0.18 per cu.yd., 100 cu.yd. loose rock $1, and 100 cu.yd. solid rock $1.75, also 1,100 ft. culvert labor $0.35.

Kan., Alma—Waubaunsee Co., grading, etc., 4.507 mi. Federal-Aid Project 292-E, to Somers Constr. Co., Newton, $29,269; also 2 bridges on same project, to W. B. Stingley, Manhattan, $5,127 and $2,230 respectively. Grand total $33,626.

Kan., Spearville—Grading, curbing and brick on concrete paving Main St. from Avenue C to Santa Fe Ry. tracks to Geiger & Rutherford, Leavenworth, $47,516.

Neb., Fairbury—Sheet asphalt paving 9 blocks various streets, to Roberts Constr. Co., 404 1st Natl. Bank Bldg., Lincoln, $42,000.

Neb., Grand Island—Asphaltic concrete paving, etc., 10,333 sq.yd. streets in Paving Dist. 59, to Diamond Eng. Co., 112½ North Locust St., approximately $26,000.

Neb., Madison—O. F. Metschke, city clk., asphaltic concrete paving 25,000 yd. various streets, to Abel Constr. Co., Terminal Bldg., Lincoln, $73,540. Noted June 16.

Missouri—State Hy. Comn., **(F. means Federal, and S.P. means State Project)**, to E. P. Olson, 2901 Monterey St., St. Joseph, grading 0.355 mi. F. and S.P. 285 D, Linn Co. $2,021, and to O. H. Schmidt, Bartlett Trust Bldg., St. Joseph, 0.142 mi. F. and S.P. 285 C, Sullivan Co. $4,378; to L. W. Spengler, 6015 Forest Ave., Kansas City, graveling, etc. S. P. Route 13, Sect. 6-A, Caldwell Co. $15,668, to Kiefner &

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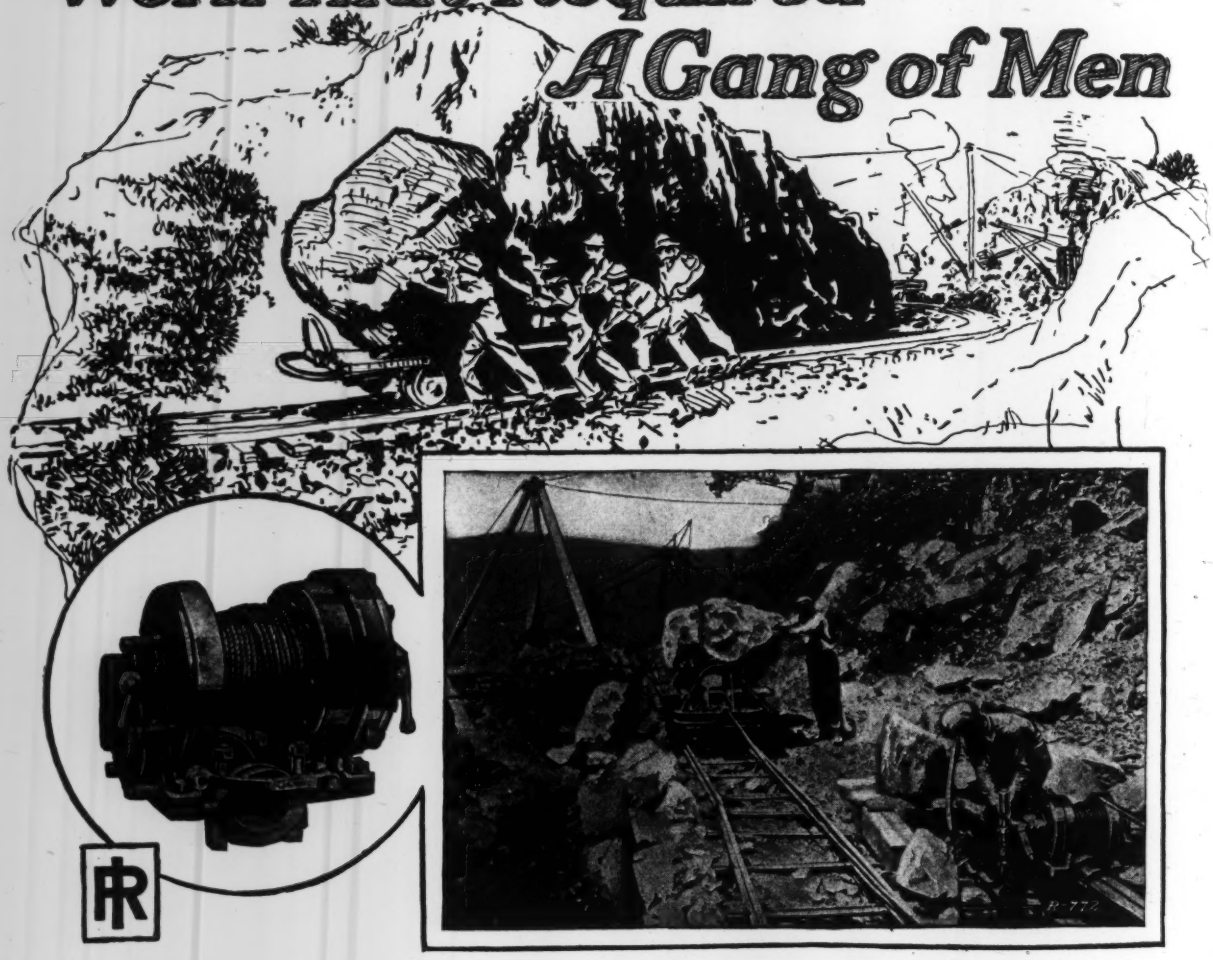
Work That Required A Gang of Men



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Streets and Roads (Continued)

Geile Perryville, 0.336 S.P. Route 61, Sect. 95-A, and S.P. Route 61, Sect. 94-A $2,481, $15,902 both St. Francois Co., to Republic Concrete Constr. Co. Republic, and 4.2 mi. S.P. Route 15, Sect. 20, Shelby Co. $40,377, to J. M. Roark & Son, Anderson, 3.999 mi. S.P. Route 16, Sect. 2A $8,066 and 3.857 mi. S.P. Route 16, Sect. 1A $10,896, both in Newton Co., to J. Kesl & Sons, Edwardsville, concrete surfacing 5.133 mi. F. and S.P. 254 F $82,243 and 5.133 mi. same project $51,542 both in St. Francois Co. and to M. E. Gillioz, Monett, 3.998 mi. F. and S.P. 159 C, Dade Co., $40,629; to Dexter Constr. Co., Dexter, grading 1.135 mi. F. and S.P. 211 C. $12,930 and 4.122 mi. F. and S.P. 197 B, $40,667 both Stoddard Co., to W. D. Lonergan Constr. Co., St. Louis, 3.974 mi. F. and S.P. 285 A $31,887 and 3.878 mi. 285 B, $34,631 both Sullivan Co., to McGlone & Walesby, Strasburg, 0.294 mi. Ref. and S.P. Route 1, Sect. E $5,449, 3.853 mi. Ref. and S.P. 1, Sect. A $24,831, 3.863 mi. Ref. and S.P. 1B $21,842, and 3.782 mi. Ref. and S.P. 1D $22,059, all in Clay Co.; to A. A. Davis & Co., 1001 Commerce Trust Bldg., Kansas City, concrete surfacing 3.691 mi. F. and S.P. 259 C $43,084, 2.357 mi. F. and S.P. 259 D $27,382, 0.283 mi. F. and S.P. 259 B $2,999, grading, etc. 2.357 mi. F. and S.P. 259 D $3,568, 0.283 mi. F. and S.P. 259 B $1,578, and 3.691 mi. F. and S.P. 259 C $1,744, all in Jefferson Co., rock asphalt paving 0.36 mi. S.P. Route 66, Sect. 14-A, Greene Co. $37,960, gravel surfacing 4,865 mi. Sect. 15-A $16,652, 4.937 mi. Sect. 14-A $15,458, 1.992 mi. Sect. 17 A $8.135, and 4.17 mi. Sect. 16-A $11,997, all foregoing S. P. Route 44, in Barry Co. Grand total $639,056. Noted June 14.

Mo., St. Louis—Bd. Pub. Serv., 208 City Hall, to C. A. Moreno, concrete paving, etc. 4,230 sq.yd. Wanda Ave. $24,392, and to Central Paving & Constr. Co., 6161 Maple Ave., alley in Block 5465 $5,235; to Granite Bituminous Paving Co., Railway Exch. Bldg., Warrenite bitulithic paving, etc. 4,313 sq.yd. Eichelberger St., $37,286; to Webb-Boone Paving Co., 5103 Fyler Ave., Amiesite paving, etc. 1,925 sq.yd. Mallinckrodt St., $14,376; to Crean Scott Constr. Co., 4030 Chouteau Ave., recut granite block paving, etc. 6,735 sq.yd. Lucas Ave. $62,882, to J. Kesl & Sons, Title Guaranty Bldg, 10.185 sq.yd. Washington Ave. from 4th St. to 12th Blvd. $75,931, 10,670 sq.yd. Washington Ave. from 12th to 18th Sts. $72,624, and 11,645 sq.yd. Washington Ave. from 18th to Jefferson Aves. $78,446. Grand total $371,172. Noted June 23.

Tex., Amarillo—Asphalt on hard base paving 11 blocks 5th St., and 4 blocks Buchanan St., to El Paso Bitulithic Co., El Paso, $53,931 and $26,390 respectively.

Tex., Brownsville—Cameron Co., rein.-con. paving 17.9 mi. La Feria-Santa Rosa Rd., and Harlingen-Rio Hondo Rds. to F. P. McElwrath, Brownsville, $166,686, 20.5 mi. Boco-Chica Rd., San Benito-Rio Hondo Rd., and San Benito Rd., to Dobbs & Weidergartner, San Benito, $164,764; grading, etc. 55.5 mi. Paredes Line, Camino de Buena Vista, Old Point Isabel, Rangerville Blue Town Rd. and Military Rds., to W. W. Vann, Brownsville $275,000, 20 mi. Palmetal Blvd., Grimes Rd. Briggs Rd., Dillworth Crossing Rd., also roads from Highways 12 and 96, and Wilson Tract School House, to L. G. Nichols, Harlingen $160,000. Grand total $766,450. Noted June 9.

Tex., Hillsboro—State Hy. Comn., Austin, R. S. Sterling, chn., bituminous surfacing 10.5 mi. Highway 2-E, Federal Aid Project 413, 16 ft., to McClung Constr. Co., F. & M. Bank Bldg., Ft. Worth, $18,745. Engrs. est. $26,000. State Hy. Dept. will prepare base.

Tex., Houston — Harris Co., clearing, grubbing, grading, bridging, etc. 5.3 mi. Clinton Rd., 18 ft., to Tibbetts Constr. Co., Joseph Bldg., Ft. Worth, $153,838. Engrs. est. $280,000.

Tex., Quanah—Hardeman Co., grading, bridging, etc. 7.762 mi. Highway 5, Federal Aid Project 501-A, to F. Purvis, 1009-10 W. T. Waggoner Bldg., Ft. Worth, $22,309. Engrs. est. $30,000.

Tex., Sanderson—Terrell Co., grading and bridging, etc. 5.231 mi. Highway 3, Federal Aid Project 324-D, 26 ft., to L. J. Miles, Ft. Worth, $64,500. Engrs. est. $68,775. Noted June 9.

Okla., Shawnee—For 60,000 ft. 8 and 10 in. sewers in lateral sewer districts, to H. L. Cannady & Co., 1122 South Lewis St., Tulsa, $101,462. Engrs. est. $107,000. Noted June 2.

Okla., Tulsa—Lateral sewers in various streets, to H. L. Cannady Co., 1122 Lewis St., $105,093.

Wash., Mt. Vernon—Skagit Co., concrete paving, etc., 1 mi. Cook Rd. Extension, 16 ft., to Norris Bros., Arlington, $31,650. Noted June 9.

Wash., Seattle—Paving 26th Ave. N. E. et al, to Fiorito Bros., 3950 6th St. N. W., $184,626; and East 37th St. et al, to Goetz & Brennan, Seaboard Bldg., $93,746.

Ore., Portland—Multnomah Co., Court House, grading, concrete and asphaltic concrete paving etc. Capitol Hill Project, Terwilliger Dr. to Bertha Sta., to La Pointe Constr. Co., 629 East 54th St. N., $23,675. Engrs. est. $27,500.

Calif., Long Beach—Improving Pacific Ave., to Baty Electric Co., 128 West 4th St., Los Angeles, $41,680.

Calif., Los Angeles — Bd. Pub. Wks., grading, sewers and concrete paving, etc., Victoria Ave., to W. Liddington, 430 East 60th St., $16,949; also Cahuenga Blvd., to J. H. Coak, 5850 West 3rd St., $244,335.

Calif., National City—Asphaltic concrete paving 6th St. between 1st and K Aves., to Griffith Co., Railway Bldg., Los Angeles, $49,430.

Calif., Redwood City—W. A. Price, city clk., improving Madison Ave. and Hawes St., 148,879 sq.ft. 3 in. crushed rock or broken stone base, 126,361 sq.ft. 2½ asphaltic concrete base, 1½ in. warrenite bitulithic surface, etc. to Peninsula Paving Co., 58-2nd St., San Francisco, $44,285. Noted June 23.

Calif., Redwood City—E. M. Kneese, clk. San Mateo Co., paving, etc., Palo Alto and Poplar Aves., etc., to Peninsula Paving Co., 58 2nd St., San Francisco, $114,510. Noted May 26.

Calif., Riverside—Curbing, guttering and asphaltic concrete paving South Brockton Ave., etc., to Hall-Johnson Co., 905 South Westminister St., Alhambra, $56,219. Noted June 9.

Calif., Roseville—Sewage disposal plant, to Municipal Impvt. Co., 1723 Webster St., Oakland, $30,700. Noted June 2.

Calif., San Diego — Bd. Supervs. San Diego Co., to Struve & Nunn, San Diego, improving 54th St. and Euclid Ave., 68,225 sq.ft. 5 in. concrete paving at $0.17 per sq.ft., 288,089 sq.ft. 6 in. concrete paving $0.188, etc., 35,587 cu.yd. excav. $0.46, total $135,182.

Calif., South San Francisco—D. McSweeney, city clk., asphalt and concrete paving, etc. Elm Ave., portions Locust and Orange Aves., etc., to Raisch Impvt. Co., 46 Kearny St., San Francisco, $22,955. Noted June 16.

Ont., Forterie—Concrete paving various streets, to Brennan Paving Co., 400 Gage Ave., Hamilton, $70,000.

Ont., Ottawa — Carleton Co., macadam paving 2½ mi. roads, 20 ft., in Gloucester Twp., to R. Ormond, Cyrville. Engrs. est. $50,000.

B. C., Point Grey—Warrenite bitulithic on rock paving various streets, to Columbia Bitulithic, Ltd., Bekins Bldg., Vancouver, $14,670, and 6 in. concrete paving, to Armstrong Morrison Paving Co., Ltd., 543 Granville St., Vancouver, $20,090.

Buildings—Commercial

Proposed Work

Vt., Bellows Falls—BANK and OFFICE—Bellows Falls Trust Co., A. H. Chandler, pres., having plans prepared by Norton & Townsend, 405 Temple St., New Haven, altering and constructing 3 story and basement, brick and stone addition, plain foundation. $150,000.

Mass., Lowell—THEATRE—R. E. Brown, Elm St., Andover, having plans prepared by C. L. Kemp, 8 Platt St., Lawrence, 2 story and basement, 60 x 100 ft., brick and steel, plain foundation, 49-59 East Merrimac St., here. $150,000.

Mass., Monson—HOME—Commonwealth of Massachusetts, Dept. Mental Diseases, Boston, rejected bids 3 story and basement, 35 x 120 ft., and 35 x 35 ft. mail employees house, brick, plain foundation, at state hospital, here, $150,000 or more. Will probably readvertise. G. Robb, 14 Beacon St., Boston, archt. Noted June 9.

Mass., Quincy (br. Boston)—APARTMENT—Stein & Applebaum, 35 Plymouth St., plans 3 story and basement, brick and stone, plain foundation, Hancock and Dimock Sts. $150,000. Engineer and architect not selected.

Mass., Somerville (br. Boston)—Y. M. C. A., E. W. Houghton, 37 Medford St., soon takes bids 4 story and basement, brick, plain foundation, 101 Highland Ave. $175,000. W. Atherton, 15 Exchange St., Boston, archt.

Mass., Waltham (Ind. br. Boston)—BANK—Waltham Natl. Bank, F. Sears, 637 Main St., plans bank, Moody and Branch Sts. $150,000 or more. Engineer and architect not selected.

Mass., Worcester—CLUB and AUDITORIUM—Lutheran N. & B. Club, 93 Green St., having plans prepared by J. Belzerian, 339 Main St., 2 story and basement, 55 x 120 ft., brick and steel, Vernon St. $150,000.

R. I., Providence—MEMORIAL—City, City Clerk, City Hall, having sketches made by P. P. Cret, 1523 Chestnut St., Phila., Pa., war memorial building, City Hall Park. $300,000. Noted Mar. 24.

Conn. Hartford—BUSINESS—A. B. Wilson Co., 327 Trumbull St., had plans prepared by E. M. Stone & Son, 327 Trumbull St., 3 story and basement, 55 x 110 ft., brick and steel, incl. swimming pool and solarium, Chapel St. $150,000.

N. Y., Albany — ALMSHOUSE — Bd. Supervs. Albany Co., having plans prepared by H. R. Rogers, 467 Bway., 2 story, 58 x 100 ft., brick, steel and concrete, Shaker Rd., in Colonial Twp., point 9 mi. from here. $250,000. Also plans power plant, penitentiary, hospital and nurses home. Total cost $2,500,000.

N. J., Elizabeth—J. F. Jackson, archt., 137 East 45th Street, New York City, soon lets contract, general contract 3 story brick and steel, plain foundation, Madison Ave. between East Jersey and Lafayette Sts., here, for Y. M. C. A., 1164 East Jersey St. $250,000. Poggi & Bragdon, 275 Morris Ave., associated archts. Noted Jan. 20.

N. Y., New York—CLUB—Montbattan Odd Fellows Temples, Inc., c/o H. Taussig, archt., 250 Park Ave., having plans prepared 11 story, 100 x 100 ft., brick and steel, plain foundation, 111 East 106th St. $250,000.

N. Y., New York — GARAGE — Kent Automatic Parking Garage, Inc., M. A. Kent, pres., 350 Madison Ave., plans 28 story, 50 x 200 ft., brick and steel, caisson foundation, 208-210 East 44th St. through to 209-211 East 43rd St. $1,250,000. Engineer and architect not selected.

N. Y., Syracuse—SALES and SERVICE STATION—White Motor Co., c/o H. R. Hadlow, constr. engr., 842 East 79th St., Cleveland, O., soon lets contract 1 story, rein.-con., brick and steel, here. $150,000. Private plans. Noted Feb. 24.

N. J., East Orange — APARTMENT — Altshuler & Cohn, c/o E. V. Warren, archt., Essex Bldg., 31 Clinton St., Newark, having plans prepared 4 story, 90 x 170 ft., brick and steel, plain foundation, 49 South Clinton St. $200,000.

N. J., Elizabeth—Y.W.C.A., 1131 East Jersey St., having sketches made by G. C. Poggi, 275 Morris Ave., 3 story, brick and steel, plain foundation. $150,000. Noted July 7.

N. J., Irvington (br. Newark)—APARTMENT—U. Modica, c/o J. B. Acocella, archt., 9 Clinton St., Newark, having plans prepared 3 story, 90 x 110 ft., brick and steel, plain foundation, 1033-39 Stuyvesant Ave. $150,000.

N. J., Irvington (br. Newark)—APARTMENT—J. Dorrity, c/o J. B. Accolla, archt., 9 Clinton St., Newark, having plans prepared 3 story, 90 x 110 ft., brick and steel, plain foundation, 993-99 Stuyvesant Ave. $150,000.

N. J Jersey City—APARTMENT—W. H. McIntyre, c/o R. Sellick, archt., 197 Market St., Newark, having plans prepared 10 story, brick and steel, plain foundation, Cater and Rose Sts., here. $350,000.

N. J., Jersey City — APARTMENT—D. Lerner, 21 Gifford Ave., had plans prepared 10 story, brick and steel, plain foundation, 88 Gifford Ave. $1,500,000. Private plans.

N. J., Kearny (sta. Arlington)—OFFICE—Congoleum Nairn, Inc., Belgrove Dr., having plans prepared by Guilbert & Bettelle, 20 Branford Pl., Newark, 3 story, brick and steel, plain foundation, here. $150,000. Noted May 26.

N. J., Newark—APARTMENT—Hillside Developing Co., c/o S. Cohen, archt., 134 Branford Pl., having plans prepared 5 story, brick and steel, plain foundation, 691-97 Elizabeth Ave. $150,000.

N. J., Newark—APARTMENT—Hillside Avenue Developing Co., c/o S. Cohen, archt., 134 Branford Pl., having plans prepared 5 story, brick and steel, plain foundation, 11-17 Goldsmith Ave. $150,000.

N. J., Newark—CLUB—Knights of Columbus, 65 Lincoln Park, plans 3 story, brick and steel, plain foundation, 61-67 Lincoln Park. $300,000. Engineer and architect not selected.

N. J., Newark — LOFT and STORE — Bloomingdale Bros., Inc., 59th St. and Lexington Ave., New York City, having revised plans prepared by Starrett & Van Vleck, 393-7th Ave., New York City, and soon takes bids altering 6 story, brick and

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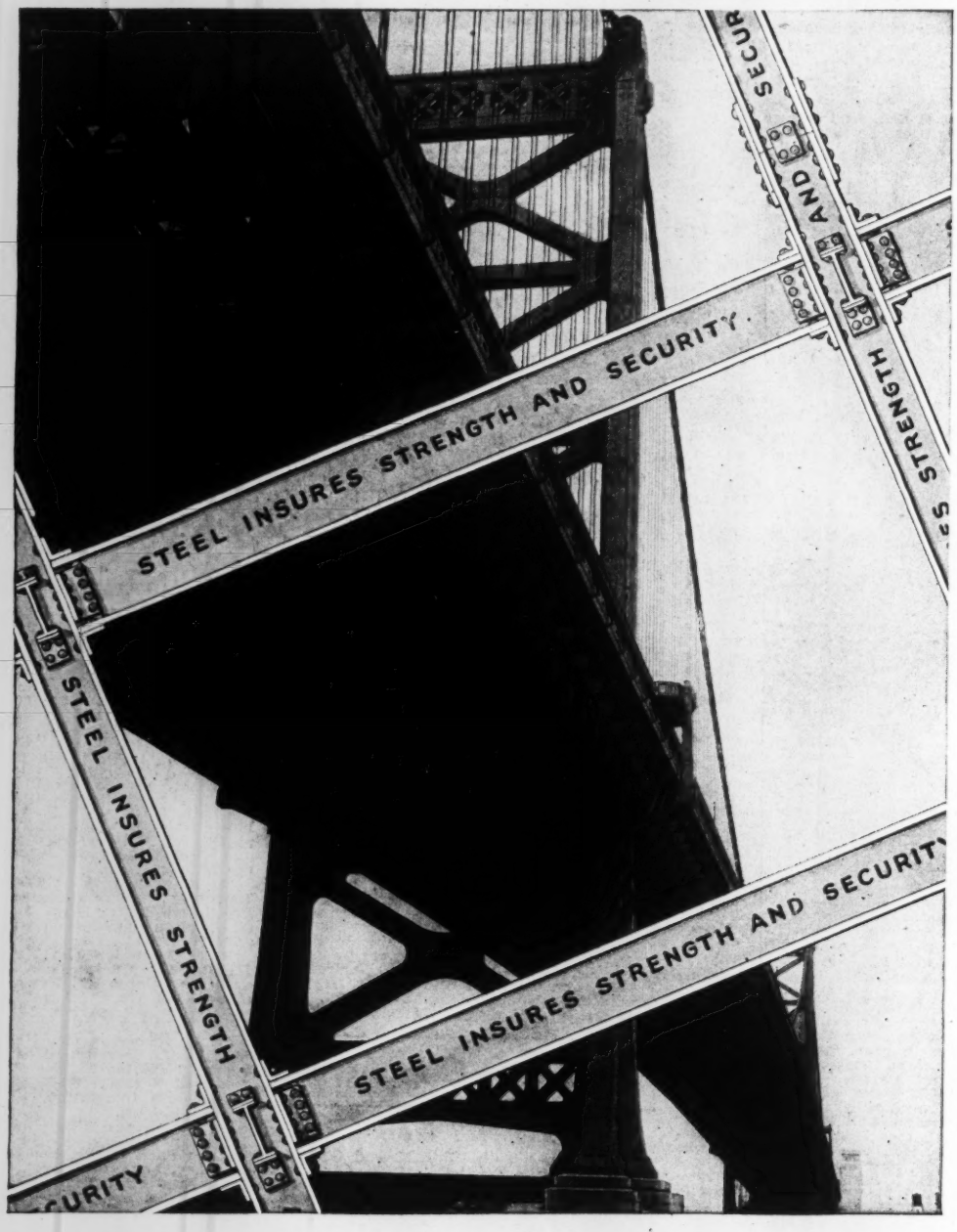

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Steel Insures Strength and Security

Buildings—Commercial (Continued)

steel, 69-71 Market St., here. $150,000. Former bids rejected.

N. J., Orange—APARTMENT—Tremont Realty Co., c/o A. P. Nucciarone, archt., 206 Central Ave., having plans prepared, two 5 story, brick and steel, plain foundation, 598-612 Lincoln Ave., $200,000.

N. J., Passaic—APARTMENT—Russell & McCrea, c/o B. J. Bellay, archt., 80 Lexington Ave., having plans prepared 4 story, brick and steel, plain foundation, Elmwood and Crescent Aves. $200,000.

N. J., Rahway—THEATRE, STORE and OFFICE—Rahway Constr. Co., 188 Market St., Newark, rejected bids 2 story, 78 x 155 ft., brick and steel, Irving St. and Milton Ave. $200,000. Project abandoned. H. Rosensohn, 188 Market St., Newark, archt. Noted June 2.

N. J., Rutherford—APARTMENT—Magnolia Constr. Co., 1 Magnolia Ave., Jersey City, having plans prepared by J. Stollman, 90 Waldo Ave., Jersey City, 4 story, brick and steel, plain foundation, 64 Ettrick Terrace. $200,000.

N. J., Union—APARTMENT and STORE—Union County Housing Corp., Morris Ave., having plans prepared by F. A. Elsasser, 845 Broad St., Newark, 4 story, brick and steel, plain foundation, Floyd Village Tract. $150,000.

Pa., Phila.—LOFT—B. F. Cohn, Widener Bldg., having plans prepared by W. M. Stanton, Land Title Bldg., 20 story and basement, 80 x 106 ft., rein.-con., brick and steel, plain foundation, 1202-10 Filbert St. $1,000,000.

Pa., Phila. — PASSENGER STATION — Phila. & Reading R.R. Co., Reading Terminal, having plans prepared by H. Trumbauer, Land Title Bldg., 1 story, 180 x 800 ft., steel and limestone, Broad and Lehigh Sts. $2,000,000. C. Dillenbeck, Reading Terminal, engr.

Pa., Warren — HOSPITAL — Warren State Hospital, c/o B. E. Taylor, supt. Property & Supplies, State Capitol, Harrisburg, having plans prepared by E. F. Wood, Hardy & Haynes Bldg., Pittsburgh, hospital buildings, here. $500,000.

Ga., Savannah—OFFICE—C. F. Fulton Real Estate Co., Citizens Trust Bldg., having plans prepared by Wallin & Comer, Realty Bldg., 6 story and basement, rein.-con. and steel office building. $500,000. Heating plant, etc.

O., Cleveland — APARTMENT — G. A. Monroe, 2847 Berkshire Rd., Cleveland Heights, had plans prepared 4 story and basement, 40 x 199 ft., brick, 718 Lakeview Rd. $150,000. Private plans.

O., Cleveland—APARTMENT—H. Cadkin, 3189 East 118th St., having plans prepared by L. Skolnik, Auditorium Bldg., 3 story and basement, 75 x 93 ft., brick apartment. $150,000.

O., Cleveland—APARTMENT—M. Teplitz, 10003 Columbia Ave., had plans prepared by M. Weis, Union Bldg., 4 story and basement, 65 x 141 ft., brick, East 93rd St. $150,000.

O., Cleveland — CLUB — Natl. Town & Country Club Co., c/o G. A. Schneider, Wade Park Manor, having plans prepared by G. B. Post & Sons, Hanna Annex Bldg., 10 story and basement, brick, steel and concrete, East 24th St. and Euclid Ave. $3,000,000.

O., Cleveland—HOSPITAL—H. H. Timken, Harrison Ave. N. W., Canton, plans 3 story and basement hospital, Lake Shore Blvd. and East 185th St., to Melbourne Constr. Co., Brant Bldg., Canton. Archts. est. $250,000.

O., Cleveland—HOTEL—Crowell & Little Constr. Co., c/o R. H. Cobb, secy.-treas., Hanna Bldg., had plans prepared by Ellerbe & Co., 692 Endicott Bldg., St. Paul, Minn., 12 story and basement, brick, steel and concrete, Euclid Ave. near East 90th St. $750,000.

O., Columbus—OFFICE—Acme Development Co., 17 South High St., soon lets contract 12 story and basement, 71 x 118 ft., brick and steel, East State St. $700,000. Miller & Reeves, 205 East Broad St., archts. Former bids rejected. Noted June 23.

O., Salem—LODGE—Eagles Lodge soon takes bids new lodge, McKinley Ave. $150,000.

Ind., Bloomington — WAREHOUSE — Schnull & Co., 601 Kentucky Ave., Indianapolis, having preliminary plans prepared by Vonnegut-Bohn-Mueller, 608 Indiana Trust Bldg., Indianapolis, brick and steel warehouse, here. Archts. est. $150,000.

Ind., Indianapolis — APARTMENT HOTEL—Pennfore Realty Co., 1701 North Illinois St., having plans prepared by F. B. Hunter, 912 State Life Bldg., 12 story and basement, 60 x 154 ft., rein.-con. brick and steel, 14th and Pennsylvania Sts. $800,000.

Ind., South Bend—STATION—New York Central R.R., 466 Lexington Ave., New York City, F. B. Freeman, ch. engr., having plans prepared by Fellheimer & Wagner, 415 Lexington Ave., New York City, 1 and 3 story, 100 x 300 ft., brick, steel and stone, concrete foundation, South St. between Lafayette and Perry Sts.

Mich., Detroit—HOTEL—Durant Hotel Co., H. J. Price, mgr., having plans prepared 6 story and basement, 132 room, rein.-con., brick and steel addition, plain foundation, Saginaw St. $350,000. Engineer and architect's names withheld.

Mich., Flint—HOTEL—Patterson building Co., Harrison and 3rd Sts., having plans prepared by W. H. Maurer, Cleveland, O., 14 story and basement, 112 x 150 ft., rein.-con., brick and steel, plain foundation, Harrison St. $900,000.

Ill., Chicago — APARTMENT — W. O. Bannerman & Co., 77 West Washington St., having sketches made by R. S. De Goyler & Co., 307 North Michigan Ave., 24 story and basement, 45 x 150 ft., rein.-con., brick and steel, 1430 Lake Shore Dr. $1,500,000.

Ill., Chicago—OFFICE and STORE—N. W. MacChesney, 30 North La Salle St., having sketches made by Holabird & Roche, 104 South Michigan Ave. (1st unit) 8 story and basement, 82 x 102 ft., and 48 x 103 ft. twin buildings, East Wacker Dr. and MacChesney St.

Ill., East St. Louis—Y.W.C.A., 317 Missouri Ave., soon lets contract 3 story and basement, 150 x 225 ft., rein.-con., brick and terra cotta, 9th St. and Ohio Ave. $300,000. A. B. Frankel, 1st Natl Bank Bldg. Archts. Noted Mar. 3.

Ill., Evanston — APARTMENT and STORE—Cooper, Winston & Manierre, 112 West Adams St., having plans prepared by Thielbar & Fugard, 219 East Ontario St., 4 story, 70 x 132 ft., rein.-con., brick and stone, Chicago Ave. and Grove St. $300,000.

Ill., Park Ridge—THEATRE, STORE and OFFICE—Zook & McCaughey, archts., 222 West Adams St., Chicago, prepared plans and soon take bids 2 story, basement and tower, 150 x 165 ft., rein.-con., brick and steel, Prospect and Park Aves., here, for W. H. Malone. $450,000. Noted Apr. 28.

Ill., Quincy—HOSPITAL—Blessing Hospital, 1014 Spring St., having preliminary plans prepared by Pond & Pond, 1700 Tower Bldg., and Martin & Floyd, 6 North Michigan Ave., both Chicago, rein.-con., brick and stone hospital. $150,000.

Ill., Rockford — HOTEL — Thielbar & Fugard, archts., 210 East Superior St., Chicago, prepared plans and take bids about Aug. 1, Kent-Wyman Hotel, 10 story and basement, 110 x 170 ft., rein.-con. and brick, Wyman and Chestnut Sts., for Rockford Hotel Co., c/o architects. $1,000,000. Noted June 2.

Wis., Appleton—THEATRE—Saxe Amusement Enterprises, 530 Grand Ave., having plans prepared by Dick & Bauer, 208 3rd St., Milwaukee, 4 story and basement, 72 x 185 ft., rein.-con., brick and steel, 700,000-800,000 cu.ft. floor space, plain foundation, Oneida and Midway Sts. $400,000. Noted Feb. 24.

Minn., Minneapolis—Minneapolis Y.W.C.A., 87 South 7th St., plans rein.-con., brick and stone building. $600,000. Engineer and architect not announced.

Neb., Wilber—COURT HOUSE—J. Korbel, clk. Saline Co., having preliminary plans prepared by M. L. Evans, Hastings, 3 story and basement, rein.-con., brick and stone court house. $250,000. Noted July 15, 1926.

Mo., Columbia—THEATRE and OFFICE—D. Stone plans 147 x 160 ft., rein.-con., steel and stone theatre and office building. $250,000.

Mo., Kansas City — HOSPITAL — City Hospital Bd., having preliminary plans prepared by Schmidt, Garden & Erickson, 104 South Michigan Bldg., Chicago, Ill., and Greenbaum, Hardy & Schmacher, associated archts., 206 Scarrett Bldg., Kansas City, Mo., rein.-con. hospital, 50th St. and Troots Ave. $1,000,000.

Mo., Kansas City—MEMORIAL—Atkins Memorial Assn., c/o Wight & Wight, archts., 1st Natl. Bank Bldg., having preliminary sketches made rein.-con and marble memorial building. $750,000.

Mo., St. Louis — WAREHOUSE — Stix, Baer & Fuller Dry Goods Co., 6th St. and Washington Ave., having revised plans prepared by Mauran, Russell & Crowell, 1620 Chemical Bldg., altering and constructing 6 story and basement, 79 x 182 ft., rein.-con. and brick addition, Laclede Ave.

Tex., Brownwood—HOTEL—T. Posey, et al, plans 5 story and basement, rein.-con., brick and steel, plain foundation. $300,000.

Tex., Harlingen — HOTEL — Syndicate, c/o A. L. Lewis, and Metropolitan Investment Corp., purchased site and plans 12 story and basement, 110 x 180 ft., rein.-con. and brick, plain foundation, Monroe and 1st Sts. $1,200,000. Engineer and architect announced soon.

Tex., Matagorda—HOTEL and CASINO—Mayside Beach Development Co., c/o Chamber of Commerce, San Antonio, plans 8 story and part basement hotel and casino, Matagorda Bay, here. $700,000. Private plans.

Tex., San Angelo—APARTMENT—A. F. Korn (owner and archt.) purchased site and preparing preliminary plans 5 story, fireproof apartment. $150,000.

Okla., McAlester—HOTEL—Doss Hotel Co., having preliminary plans prepared 7 story and basement, rein.-con. and brick, plain foundation, 2nd St. $400,000. Engineer and architect not selected.

Okla., Oklahoma City — ADMINISTRATION—Southwestern Bell Telephone Co., 11th and Pine Sts., St. Louis, Mo., takes bids about Aug. 11, 14 story and basement, 100 x 140 ft., rein.-con., brick, stone and steel, 3rd St., here. W. K. Knight & Co., 904 Wainwright Bldg., St. Louis, Mo., engrs. E. R. Timlin, c/o owner, archt. Layton, Hicks & Forsyth, 908 Braniff Bldg., associated archts. Contract for foundation and footings for above, to Westlake Constr. Co., Railway Exch. Bldg., St. Louis, Mo., $155,000. Archts. total est. $3,000,000. Noted Feb. 3.

Ore., Astoria—THEATRE—Washington Theatre Enterprises, C. Fischer, mgr., White-Henry-Stuart Bldg., Seattle, Wash., having plans prepared by D. Ford, 630 Lyon Bldg., Seattle, Wash., 1 story, 80 x 100 ft. theatre, here. To exceed $250,000.

California — HOSPITAL, etc. — State Building Comn., Sacramento, having plans prepared by G. B. McDougall, Forum Bldg., Sacramento, probably rein.-con. and brick hospital $150,000, employees cottage $40,000, and boiler and pumping plant, $30,000 all at Eldridge rein.-con. cell building and hospital at Folsom $223,000, hospital buildings, incl. cottage to house 120 patients, day attendants quarters, and resident physician cottage, at Napa, $150,000; rein.-con. hospital, Norwalk, $175,000; rein.-con. hospital, $250,000, and improving hospital $10,000; patients cottage, physicians residence and rein.-con. industrial building $285,000 all in Stockton rein.-con. cell building, San Quentin, $265,000; also hospital buildings, incl. cottage, housing 120 patients, attendants building, resident physician cottage, etc. Ukiah, $214,000.

Calif., Los Angeles — APARTMENT — Evans-Zukin Constr. Co., 1118 South Highland Ave., plans 5 story and basement, brick, Normandie Ave. between 7th and 8th Sts. $150,000.

Calif., Los Angeles—APARTMENT—W. E. Chadwick, archt., Union League Bldg., preparing plans 4 story and basement, 56 x 140 ft., brick, South Figueroa St. $150,000. Owner's name withheld.

Calif., Los Angeles—APARTMENT—W. E. Chadwick, archt., Union League Bldg., preparing plans 5 story and basement, 50 x 150 ft., brick, West 20th St. $150,000. Owner's name withheld.

Calif., Los Angeles—GARAGE, HOTEL, STORE and OFFICE—Vine and Sunset Realty Co., c/o C. F. Plummer, archt., Story Bldg., having plans prepared 105 x 265 ft. garage and hotel, $150,000 or more; also 2 story, 140 x 160 ft., brick store and office building. $150,000 or more, both on Vine St. and Sunset Blvd.

Calif., Los Angeles — STUDIO — Mack Sennett Co., 1712 Glendale Blvd., plans 2 story, 100 x 425 ft. administration building, 2 dressing room buildings, film laboratory, three 200 ft. stages, etc., Ventura and Laurel Canyon Rd. $800,000. Engineer and architect not selected.

Calif., Merced—MAUSOLEUM—G. H. Sanders, c/o W. Hubbert, archt., 110 Sutter St., San Francisco, having plans prepared (1st. unit) rein.-con. mausoleum, here. $50,000. Total $200,000.

Calif., Pomona — HOSPITAL — Pomona Valley Hospital having plans prepared by A. R. Hutchason, Van Nuys Bldg., Los Angeles, 4 story and basement, approximately 50 x 85 ft., rein.-con. addition. $150,000. Noted June 23.

Calif., Redondo Beach—THEATRE—A. Ramish, c/o J. P. Perrine, archt., Lincoln Bldg., Los Angeles, having plans prepared Class "A" theatre. $250,000.

Calif., Sacramento—CAPITOL—California State Building Comn. had plans prepared by Weeks & Day, Financial Center Bldg., San Francisco, state capitol buildings. $250,000.

Calif., Salinas—HOTEL—Caminos Bros., 150 Main St., having plans prepared by R. Wyckoff, Growers Bank Bldg., San Jose, 7 story and basement, concrete, Main St. $350,000. Noted Feb. 10.

Calif., San Rafael—MAUSOLEUM—Tamalpais Memorial Park, Inc., c/o W. Hubbert, archt., 110 Sutter St., San Francisco, hav-

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Buildings—Commercial (Continued)

ing preliminary plans prepared (1st unit) rein.-con. mausoleum, here. $80,000. Total $200,000.

Calif., Santa Monica—MAUSOLEUM—G. H. Sanders, c/o W. Hubbert, archt., 110 Sutter St., San Francisco, having preliminary plans prepared (1st unit) rein.-con. mausoleum. $100,000. Total $500,000.

Calif., Ventura — THEATRE — L. A. Smith, archt., Film Exch. Bldg., rejected bids rein.-con., Main and Chestnut Sts., for Amer. Amusement Co., c/o architect. $200,000. Will readvertise. Noted May 5.

Que., Montreal — OFFICE — Bell Telephone Co., 118 Notre Dame St. W., having plans prepared by Barott & Blackader, Canada Cement Bldg., new head office buildin~ Beaver Hall Hill and Hayanchetere St. $1,000,000.

Ont., Kingston—OFFICE—Canadian Locomotive Co., Ontario St., plans new head office building. $150,000.

Ont., Toronto — HOSPITAL — Toronto East General Hospital Bd. having plans prepared by J. J. Woolnough, City Hall, and soon takes bids 3 and 4 story and basement, rein.-con., brick and steel, plain foundation, Coxwell Ave. $250,000.

Ont., Toronto — OFFICE and SHOW ROOM — Dominion Rubber Co., Ltd., 1 Front St. E., having plans prepared by R. B. McGiffen, 96 Bloor St. W., and J. L. Havill, 169 Concord Ave., 15 story and basement, 70 x 180 ft., concrete, brick and stone, Front and Yonge Sts. $1,000,000.

B. C., Vancouver—CITY HALL—City defeated $1,000,000 bonds, new city hall.

B. C., Vancouver — OFFICE, WAREHOUSE, GARAGE—Townley & Metheson, archts., 325 Homer St., soon takes bids 1 and 3 story, Smythe and Cambie Sts., for Imperial Oil Co., Smythe and Cambie Sts. $250,000.

Bids Desired

Mass., Brookline (br. Boston)—APARTMENT—See "Contracts Awarded."

Mass., Chicopee Falls—HOME—Polish Home Assn., Inc., c/o R. B. Warner, archt., 748 State St., Springfield, taking bids 2 story and basement, 65 x 100 ft., rein.-con. and brick, plain foundation, Market and Grove Sts. $150,000.

Mass., Framingham — OFFICE — West Boston Gas Co., 49 Howard St., taking bids 2 story and basement, brick and stone, plain foundation. $150,000 or more. C. M. Baker, 25 Arch St., Boston, archt. Noted May 26.

Mass., Lowell—STORE and OFFICE—G. C. Fairburn, 10 Kearny St., taking bids 4 story and basement, brick and stone, plain foundation, 15-17 Merrimac St. $150,000. H. P. Graves, 40 Middlesex St., archt. Noted July 6.

Mass., Mattapan (sta. Boston)—HOSPITAL—Prendergast Preventorium, G. Hill, doctor, 295 Beacon St., chn. com., taking bids 3 story and basement, irregular shaped, brick addition, plain foundation, 100 Harvard St. $150,000 or more. J. P. Loud, 9 Park St., Boston, archt.

Mass., Norwood — APARTMENT — G. Watson taking bids 3 story and basement, brick, plain foundation, Day St. $150,000. R. H. Stowell, 184 Boylston St., Boston, archt.

Mass., Plymouth — TEMPLE—Plymouth Lodge A. F. & A. M. taking bids 3 story and basement, 50 x 90 ft., brick and stone, plain foundation, Court St. To exceed $150,000. Kendall, Taylor & Co., 142 Berkley St., Boston, archts. Noted Jan. 20.

Mass., Quincy (br. Boston) — APARTMENT—See "Contracts Awarded."

Mass., Weymouth — THEATRE — C. S. Dobson, Whitman St., taking bids 1 and 2 story, basement, and balcony, 60 x 100 ft., brick, steel and stone, plain foundation. $160,000. W. L. Miner, 60 Pemberton Sq., Boston, archt.

R. I., Cranston (mail Providence) — DORMITORY — July 15, by State, Pub. Welfare Dept., State House, Providence, 2 story and basement, brick and steel at State Hospital for Insane, here. $200,000. Clark & Howe, 1208 Turks Head Bldg., Providence, archts. Noted Apr. 28.

R. I., Providence — STORAGE and WAREHOUSE—July 15, by Belcher & Loomis Co., 89 Weybosset St., 4 story, 100 x 120 ft.., rein.-con., plain foundation, West Exchange St. To exceed $150,000. Jenks & Ballou, Grosvenor Bldg., archts.

Conn., Bridgeport—BANK—July 21, by City Natl Bank, C. E. Hough, pres. (selected bidders), 12 story, 60 x 150 ft., brick and steel, Main and John Sts. $800,000. E. G. Southey, 983 Broad St., archt. Dennison & Hirons, 288 Lexington Ave., New York City, engrs. Noted Oct. 21.

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Conn., Danbury — APARTMENT — See "Contracts Awarded."

Conn., Hartford — ASYLUM — Hebrew Ladies Orphan Asylum, Inc., S. Cross, 18 Asylum St., taking bids and open same about July 30, 3 story and basement, 45 x 125 ft., brick and steel, Blue Hills and Towers Aves. $150,000. Ebbets & Frid, 15 Lewis St., archts. Noted May 12.

Conn., Hartford — AUTO SALES and SERVICE—July 15, by White Motor Co., c/o H. R. Hadlow, constr. engr., 842 East 79th St., Cleveland, O., 1 story and basement, brick and concrete auto sales and service building, 22,000 sq.ft. floor space, here. Private plans.

Conn., Middletown—OFFICE—July 18, by E. B. Caldwell, Jr., archt., 886 Main St., Bridgeport, 2 story, 60 x 72 ft., brick, steel and marble, Court and Broad Sts., for Middlesex Mutual Assurance Co., c/o architect. $150,000.

Conn., Stamford — APARTMENT — See "Contracts Awarded."

N. Y., New York—THEATRE, STORE and OFFICE—See "Contracts Awarded."

N. J., Bloomfield—APARTMENT—See "Contracts Awarded."

N. J., Irvington (br. Newark)—APARTMENT—See "Contracts Awarded."

N. J., Millburn — APARTMENT — See "Contracts Awarded."

N. J., Newark — APARTMENT — See "Contracts Awarded."

N. J., Newark—APARTMENT—S. Kimmel, 75 Chadwick Ave., taking sub-bids 4 story, brick and steel, plain foundation, 397 Chancellor Ave. $150,000. H. Blaufox & Kimmel, 131 Thompkins Ave., Brooklyn, N. Y. archt. Noted June 23.

N. J., Plainfield—APARTMENT—Oxford Realty Co., 240 West Front St., taking bids 4 story, brick and steel, plain foundation, West 7th and Liberty Sts. $200,000. R. R. Chatfield, 401 Harrison Ave., Westfield, archts. Noted July 7.

N. J., Summit—COMMERCIAL—July 15, by Pub. Serv. Production Co., archts., Terminal Bldg., Newark, general contract 1 story and basement, 60 x 125 ft., rein.-con., brick and steel, plain foundation, Springfield and Summit Aves., here, for Pub. Serv. Electric & Gas Co., 80 Park Pl., Newark. Archts. est. $150,000.

Pa., Darby—THEATRE, STORE and OFFICE—July 15, by M. H. Lee, archt., 1505 Race St., Phila., 2 story and basement, 144x160 ft., rein.-con., brick and steel, plain foundation, here, for Green & Willig, c/o architect, here.

Pa., Lancaster—PASSENGER STATION—July 25, by Pennsylvania R.R. Co., T. J. Skillman, ch. engr., Broad St. Sta., Phila., 2 story and basement, 113 x 163 ft., brick, granite and limestone, McGovern Ave. and Christian St., here. W. H. Cookman, Broad St. Sta., Phila., archt.

Pa., Phila.—LABORATORIES—July 21, by Stewardson & Page, archts., 315 South 15th St. 3 story, basement and sub-basement, 53 x 244 ft., 25 x 144 ft., brick, terra cotta and steel, plain foundation, 34th and Spruce Sts., for University of Pennsylvania, 34th and Spruce Sts.

Pa., Phila.—LOFT—July 18, by Manufacturing Exchange Realty Building, c/o W. Goldstein, 1415 Locust St., 16 story and basement, 96 x 161 ft., rein.-con., brick and terra cotta, plain foundation, 232-48 North 11th St. $1,500,000. L. B. Rothschild, 215 South Broad St., archt.

Pa., Upper Darby—BANK, STORE and APARTMENT—July 15, by Ritter & Shay, archts., Packard Bldg., 1 and 4 story, 40 x 112 ft., brick and steel, Market and Ashby Sts., for 69th St. Terminal Title & Trust Co.

D. C., Wash.—EMBASSY—July 25, by F. H. Brooke, associated archt., 1218 Connecticut Ave., embassy building for Great Britain, here. $500,000. Office of Works, London, England, superv. archt. Noted Feb. 19, 1925.

Ky., Louisville—THEATRE—July 20, by J. Eberson, archt., 212 East Superior St., Chicago, Ill., equal to 4 story, 117 x 120 ft., rein.-con., brick and steel, 4th St. near Chestnut St., here, for Theatre Realty Corp. $1,000,000. Noted Mar. 3.

O., Columbus — July 20, by Building Com., Y. W. C. A., 60 South 3rd St., J. A. Beer, chn., 236 15th Ave., 8 story and basement, 90 x 185 ft., brick, steel and stone, South 4th St. $600,000. Miller & Reeves, 205 East Broad St., archts.

Ind., Crawfordsville — HOSPITAL — Montgomery Co. Hospital taking bids 2 story and basement, 80 x 150 ft., rein.-con., brick and steel hospital. $150,000. Boswell & Beeson, Ben Hur Bldg., archts. Noted Apr. 7.

Ill., East St. Louis — OFFICE and STORE — July 16, by P. J. Bradshaw, archt., International Life Bldg., St. Louis, Mo., 2 story and basement, 134 x 136 ft., rein.-con., brick and terra cotta, Collinsville St. and Missouri Ave., here, for Goldman Building Corp., C. E. Richardson, pres., International Life Bldg., St. Louis, Mo. To exceed $150,000.

Ill., Mattoon — OFFICE — July 31, by Berger & Kelley, archts., Lincoln Bldg., Champaign, 3 story and basement, rein.-con., brick and stone, here. $170,000. Owner's name withheld.

Calif., Long Beach — APARTMENT — See "Contracts Awarded."

Calif., Los Angeles — FURNITURE MART—See "Contracts Awarded."

Bids Received

Mich., Detroit—HOSPITAL—H. A. I. Andries, sec. Dept. Health, 1300 Beaubien St., 3 story and basement, rein.-con., brick and steel, plain foundation, Taylor Ave., from W. E. Wood Co., 1805 Ford Bldg., $2,378,200. Noted June 16.

Contracts Awarded

Me., Bangor—HOSPITAL—State Hospital for Insane, superstructure 4 story and basement, 35 x 115 ft., and 35 x 130 ft., brick and stone addition, plain foundation, State St., to O. Nelson, 194 Exchange St. Archts. est. to exceed $150,000.

Mass., Belchertown — ADMINISTRATION — Commonwealth of Massachusetts, Dept. Mental Diseases, Boston, 2 story and basement, brick and stone, plain foundation, to J. Miles & Son, Worcester. Archts. est. $150,000. Noted June 16.

Mass., Boston—OFFICE—E. S. Welch, 73 Tremont St., altering and constructing 4 story and basement, brick addition, plain foundation, 164 Newbury St., to Mitchell & Sutherland, 100 Arlington St. Archts. est. $150,000 or more.

Mass., Boston — STORE and SALESROOM—Suburban Realty Corp., 60 State St., 3 story and basement, 23,000 sq.ft. floor space, rein.-con. and brick, caisson foundation, 170 Brookline Ave., to F. J. Van Etten Co., 100 Boylston St. Archts. est. $150,000.

Mass., Brookline (br. Boston)—APARTMENT—E. T. Maine, 170 Bellingham Ave., Revere, will build 3 story and basement, brick and stone, plain foundation. $150,000. Work will be done by separate contracts. Private plans.

Mass., Charlestown (sta. Boston)—THEATRE, STORE and OFFICE—Owner, c/o Krokyn, Browne & Rosenstein, archts., 220 Devonshire St., Boston, 2 story and basement, 100 x 120 ft., brick and stone, plain foundation, Chelsea and Joiner Sts., here, to B. Steinberg, 6 Beacon St., Boston. Archts. est. $150,000 or more. Owner's name withheld.

Mass., Melrose (Ind. br. Boston)—APARTMENT—E. G. Ritchie, 181 Elm St., Medford, 3 story and basement, brick and stone, plain foundation, Pleasant St., to Burstein & Barrow, 106 Nichols St., Everett. Archts. est. $150,000.

Mass., Norwood—MUNICIPAL—Town, c/o W. G. Upham, archt., Bigelow Blk., 2 story and basement, brick and stone, plain foundation, Washington, Matahan and Market Sts., to E. F. Miner Building Co., 25 Foster St., Worcester. Archts. est. $275,000. Noted Mar. 31.

Mass., Quincy (br. Boston)—APARTMENT—R. Guida, c/o R. M. Stowell, archt., 184 Boylston St., Boston, will build 3 story, 100 x 125 ft., brick and steel Fenno St., here, by day labor. $160,000.

Conn., Danbury—APARTMENT—North Shore Properties, Inc., Room 330, Pershing Bldg., will build brick and steel, incl. 180 car garage, Stone St. $800,000. Work will be done by separate contracts. A. J. Thomas, 2 West 46th St., New York City, archt. Noted Apr. 7.

Conn., Norwalk—Y.M.C.A., 27 Wall St., 4 story, 110 x 154 ft., brick and steel, incl. swimming pool, West Ave., to T. J. Pardy Constr. Co., 1481 Seaview Ave., Bridgeport. Archts. est. $400,000. Noted June 9.

Conn., Stamford—APARTMENT—F. J. Hyland, 149 South Main St., will build 3 story, 65 x 145 ft., brick and steel, Forrest St., by day labor. $150,000. J. Weinstein, 341 State St., New Haven, archt.

Conn., Waterbury—HOSPITAL—Waterbury Hospital, Robbins St., 4 story and basement, 88 x 176 ft., brick, concrete and steel, Robbins St., to Torrington Building Co., 182 Church St., Torrington. Archts. est. $625,000. Noted May 5.

N. Y., Jamaica — THEATRE and OFFICE — M. Tucker, 100 Magnolia Ave. 2 and 4 story, 120 x 120 ft., brick, steel and stone, concrete foundation, Jamaica Ave. and 165th St., to M. Shapiro & Son, 1560 Bway., New York City. Archts. est. $500,000.

Buildings—Commercial (Continued)

N. Y., New York—OFFICE and LOFT—A. Bing, 5th Ave., 22 story and basement, 75 x 100 ft., brick, steel and stone, plain foundation, 20 East 48th St., to Gresham Constr. Co., 587 5th Ave. Archts. est. $500,000

N. Y., New York—OFFICE—New York Central R.R. Co., 446 Lexington Ave., 35 story, 85 x 170 ft., brick, steel and stone, plain foundation, Park Ave. between 46th and 47th Sts., to J. Stewart & Co., Inc., 17 East 42nd St. Archts. est. $11,000,000. Noted Mar. 3.

N. Y., New York—THEATRE, STORE and OFFICE—Rexburg Realty Corp., 1457 Bway., will build 2 story, 185 x 194 ft., brick and steel, plain foundation, 170th St. between Morris and College Aves. $600,000. Work will be done by separate contracts. J. A. and E. L. Larkin, 1457 Bway., archts. and engrs.

N. J., East Orange — APARTMENT — Roseland Constr. Co., 24 Branford Pl., Newark, will build 4 story, brick and steel, plain foundation, North Walnut and William Sts., here. $150,000. Work will be done by separate contracts. L. Kasoff, 164 Market St., Newark, archt. Noted June 30.

N. J., East Orange — APARTMENT — Thirty-Nine Prospect Street Corp., c/o H. Van Duyne, Inc., 2 Washington St., general contract 10 story, brick and steel, plain foundation, 35-43 Prospect St., to Deakman-Wells Co., 921 Bergen Ave., Jersey City. Archts. est. $1,500,000.

N. J., Highland Park (br. New Brunswick)—APARTMENT—Morris & Goodman, c/o H. Rosensohn, archt., 188 Market St., Newark, general contract 3 story, 70 x 90 ft., brick, tile and steel, plain foundation, Graham Pl., here, to E. Murphy, 843 Bway., Bayonne. Archts. est. $150,000. Noted June 23.

N. J., Irvington (br. Newark)—APARTMENT—Vermont Constr. Co., 259 Isabella Ave., will build 3 story, 100 x 100 ft., brick and steel, plain foundation, 18th St. and Courtney Ave. $150,000. Work will be done by separate contracts. G. F. Lederer, 1091 Springfield Ave., archt. Noted June 30.

N. J., Irvington (br. Newark)—APARTMENT—L. Deutsch, 65 Rose Terrace, Newark, will build 4 story, 85 x 100 ft., brick and steel, plain foundation, 13-19 Chester St. $150,000. Work will be done by separate contracts. E. F. Hauser, 11 Clinton Ave., Newark, archt.

N. J., Jersey City — CLUB HOUSE — Dodge & Morrison, archts., 160 Pearl St., New York City, 8 story and basement, 45 x 100 ft. clubhouse, Bergen Sq. and Academy St., here, to Deakman-Wells Co., Newkirk and Bergen Aves., for Odd Fellows Hall Assn., Bergen Sq. Archts. est. $350,000. Noted June 30.

N. J., Millburn — APARTMENT and STORE—Improved Constr. Co., 270 Seymour Ave., Newark, will build 3 story, 75 x 90 ft., brick and steel, plain foundation, Millburn Ave. $150,000. Work will be done by separate contracts. E. F. Hauser, 9 Clinton St., Newark, archt.

N. J., Newark—APARTMENT—J. Leven, 825 Clinton Ave., will build 4 story, brick and steel, plain foundation, Sanford Ave. and Finlay Pl. $150,000. Work will be done by separate contracts. Myer, Bigelow & Shanley, 24 Walnut St., archts.

N. J., Newark—APARTMENT— and GARAGE—Five Hundred Twenty-Three Mount Prospect Avenue Corp., Broad St., general contract, 8 story, brick and steel, plain foundation, 523 Prospect Ave., to W. J. MacEvoy Constr. Co., 85 Academy St. Archts. est.. $500,000. Noted June 16. Steam heating, etc. to be installed.

N. J., Newark—APARTMENT—B. Parsonnet, 333 Peshine Ave., will build 4 story, brick and steel, plain foundation, Crawford St. $150,000. Work will be done by separate contracts. Noted June 23.

N. J., Newark — APARTMENT — L. Siegler, 478 Broad St., Newark, will build 4 story, 50 x 90 ft., brick and steel, plain foundation, Montclair Ave. and Ridge St. $150,000. Work will be done by separate contracts. J. Centanni, 142 Market St., archt.

N. J., Newark—BANK and OFFICE—United States Trust Co., 946 Broad St., will build 3 story, brick and steel, plain foundation, Franklin and Broad Sts. $200,000. Work will be done by separate contracts. W. E. Lehman, 972 Broad St., archt. Noted June 16.

N. J., Newark—DEPARTMENT STORE—W. T. Grant, 455 7th Ave., New York City, general contract 3 story and basement, 45 x 119 ft., brick and steel, plain foundation, 83-87 Market St., here, to Phillips-Dykens Co., 350 Madison Ave., New York City.

N. J., New Brunswick—CLUB HOUSE—W. H. Boylan, archt., 143 Albany St., general contract 1 story, brick and steel, plain foundation, Carroll St., to O'Rourke Constr. Co., 88 Guilden St., for Fraternal Order of Eagles, Carroll Pl. Archts. est. $150,000. Noted June 23.

N. J. Ridgewood — CLUB HOUSE — Ridgewood Womans Club, A. T. Dear, pres., 247 East Ridgewood Ave., general contract 2 story and basement, 75 x 95 ft., brick and steel, plain foundation, Monroe and Franklin Aves., to E. Mann, Franklin Ave., Wyckoff. Archts. est. $150,000.

N. J., Trenton — STATE HOUSE — Governor's Office, State House, general contract (1st unit) 4 story, brick and steel, concrete pile foundation, West State St., to Karno-Smith Co., Broad St. Bank Bldg., Trenton, $727,861; electrical work, to Carr & Schuktz, Perry and Stockton Sts., $26,230. Noted June 9.

N. J., Trenton—THEATRE and OFFICE—Hirshfeld & Hildinger, 1560 Bway., New York City, 3 story, brick, steel and stone, plain foundation, North Warren St. and Chauncey Lane, here, to Longacre Eng. & Constr. Co., 345 Madison Ave., New York City. Archts. est. $300,000. Noted July 1, 1926.

N. J., Union—EXCHANGE—New York Telephone Co., 15 Dey St., New York City. general contract 2 story, 100 x 150 ft., brick and steel, plain foundation, Stuyvesant Ave., to F. D. Hyde, Inc., 90 West St., New York City. Archts. est. $150,000. Noted Mar. 31.

Pa., Butler—OFFICE—Phillips Gas & Oil Co., general contract 3 story and basement, 75 x 150 ft., limestone and steel, Main St., to H. Wimer, Butler Savings & Trust Bldg. Archts. est. $150,000. Noted Mar. 17.

Pa., Oil City—LODGE—Knights of Columbus, general contract 3 story and basement, approximately 100 x 120 ft. lodge, to L. O. Boquin, Oil City. Archts. est. $150,000. Noted June 23.

Pa., Phila.—BANK—A. H. Brockie, archt., 154 South 15th St., 1 and 3 story, 25 x 166 ft., rein.-con., brick and steel, plain foundation, 1508 Walnut St., to F. L. Hoover & Son, 1023 Cherry St., for Bioren & Co., 410 Chestnut St. Archts. est. $160,000. Noted June 16.

Pa., Phila. — CITY HALL — Dept. Pub. Wks., G. H. Biles, dir., general contract 15 story and basement, 80 x 100 ft., rein.-con., brick and stone annex, caisson foundation, 13th and Filbert Sts., to F. W. Mark Co., Commerce Trust Bldg., $1,094,800; plumbing, to N. Connolly, 1404 North 18th St., $28,042; and $106,606 respectively; electrical work, to Ellis-McCandless Co., 2319 Sansom St., $77,490. Grand total $1,306,938. Noted June 23.

Pa., Phila. — HOME — A. E. Westover, archt., 109 South 22nd St., 3 story, mezzanine and basement, 56 x 112 ft., brick and steel, plain foundation, 16th and Fitzwater Sts., to Wills Bill Co., 1706 Sansom St., for Lodge 20, B. P. O. E. Archts. est. $150,000. Noted June 16.

Pa., Phila.—STORE and RECREATION—Forum Amusement Co., c/o W. H. Lee, Schaff Bldg., 1 story and basement, 70 x 244 ft., brick and steel, plain foundation, Bridge and Darrah Sts., to David Lutz Co., 23rd and Chestnut Sts. Noted June 16.

Pa., Phila. — WAREHOUSE — Terminal Warehouse Co., Pottash Bros., Fairmount and Delaware Aves., 1 story and basement, rein.-con. and brick, plain foundation, Swanson and Ritner Sts., to Robbins Contg. Co., 1337 North Front St.

Pa., Phila. — WAREHOUSE — Phila. & Reading R.R. Co., C. Dillenbeck, ch. engr., Reading Terminal, 3 story and basement, 110 x 374 ft., rein.-con. and brick, plain foundation, 20th and Hamilton Sts., to W. Steele & Son, 15th and Chestnut Sts. Noted June 16.

Pa., Pittsburgh — APARTMENT—South Hiland Apartments, Inc., general contract 6 story and basement, 97 x 105 ft., brick on hollow tile and steel, plain foundation, Highland Ave. and Howe St., to Toupet Building Co., 3412 5th Ave., $340,000.

Pa., Pittsburgh — LODGE — Knights of Pythias, c/o L. A. Bellinger, 525 5th Ave., general contract 4 story and basement lodge, Center Ave., to Hodder Constr. Co., Talbot Ave., Braddish. Noted Apr. 14.

Md., Baltimore—CLUB—Buckler & Fenhagen, archt., 325 North Charles St., 4 story and basement, irregular shaped, brick and steel addition, plain foundation, 6 West Madison St., to T. Hicks & Son, 106 West Madison St., for Baltimore Club, H. Burnes, pres., Charles and Madison Sts. $150,000. Noted June 23.

W. Va., Wierton—EXCHANGE—Chesapeake & Potomac Telephone Co., general contract 3 story and basement exchange to Engstrom & Wynn, 1117 Chapline St., Wheeling. Archts. est. $150,000.

Fla., Jacksonville — AUDITORIUM and OFFICE—City and Chamber of Commerce, general contract 3 story and basement, 100 x 120 ft., rein.-con., brick and steel, plain foundation, Duval St., to O. P. Woodcock, Realty Bldg., $199,785. Noted Mar. 24.

La., Monroe—OFFICE—J. W. Smith, archt., Ouachita Bank Bldg., 6 story and basement, 90 x 110 ft., rein.-con., brick and steel, Desaird and 2nd Sts., to J. H. Leveck & Sons, St. Marys St., Little Rock, Ark., for P. Bernhardt. Archts. est. $350,000. Noted June 9.

Tenn., Harrogate — ADMINISTRATION and AUDITORIUM — Lincoln Memorial Union, rein.-con., brick and steel, to J. T. Jackson Lumber Co., Lexington, $150,000. Noted June 25, 1925.

O., Akron — HOSPITAL and NURSES HOME—J. Schrembs, bishop, Guaranty Title Bldg., Cleveland, 6 story and basement, 48 x 240 ft., brick, Bedford stone and steel hospital, and 5 story, 42 x 124 ft. nurses home, North Main St., corner Olive St., to Carmichael Constr. Co., Central Savings & Trust Bldg. Archts. est. $800,000.

O., Cleveland—HOSPITAL and NURSES HOME—Charity Hospital, c/o J. E. Crew, East 22nd St. and Central Ave., 2, 3 and 5 story and basement, brick, steel and concrete. East 22nd St. and Central Ave., to Lundoff-Bicknell Co., B. F. Keith Bldg. Archts. est. $1,200,000. Noted June 16.

O., Cleveland—WAREHOUSE—May Co., N. L. Dauby, vice-pres. Euclid Ave., 5 story and basement, 237 x 657 ft., brick and rein.-con., Payne Ave., to S. W. Emerson Co., 1836 Euclid Ave. Archts. est. $1,000,000. Noted June 9.

O., Orient—COTTAGE—J. E. Harper, dir. Dept. Welfare, Columbus, general contract 1 story, basement, and 4 wings, 40 x 250 ft., brick and concrete, Orient Farm for Feeble Minded, here, to A. B. Isabel, 1718 Cleveland Ave., Columbus, $127,566; heating and plumbing, to McAuliffe Bros., Marysville, $58,218. Noted June 16.

O., Portsmouth—TEMPLE—Portsmouth Temple Co., 8 story and basement, stone and rein.-con., incl. auditorium, dining room, store, etc., plain foundation, to H. R. Blagg Constr. Co., 1229 East 3rd St., Dayton, $600,000.

Ind., Ft. Wayne — HOSPITAL and NURSES HOME—Lutheran Hospital Assn., P. Wanbganss, pres., general contract 4 story, 50 x 175 ft., rein.-con., brick and steel, 3024 Fairfield Ave., to Rump-Kintz Co., 210 Medical Arts Bldg., Archts. est. $300,000. Noted May 19.

Ind., Gary—BANK and OFFICE—Ivar Viehe-Naess & Co., archts., 410 North Michigan Ave., Chicago, Ill., general contract 10 story and basement, 125 x 125 ft., concrete, brick, steel and stone, Bway. and 5th St., here, to R. C. Wieboldt Co., 1534 West Van Buren St., Chicago, Ill., for Gary State Bank. Archts. est. $450,000. Noted Mar. 1.

Mich., Detroit—HOSPITAL—Harper Hospital, John R. St., 8 story and basement, 88 x 299 ft., and 80 x 150 ft., rein.-con., brick and stone addition, plain foundation, Brush Blvd., to Bryant & Detwiler Co., 2236 Dime Bank Bldg. Noted May 12.

Mich., Detroit—JAIL—Wayne Co., prison cell work for 6 story and basement, rein.-con., brick and steel, plain foundation, Clinton St., to Southern Prison Co., 4500 Blk. South Presa, San Antonio, Tex., approximately $250,000. Noted June 9.

Mich., Flint—HOTEL—C. N. Agree, archt., 1140 Book Tower Bldg., Detroit, 6 story and basement, 200 room, rein.-con., brick and steel, plain foundation, Detroit and 3rd Sts., to C. S. Barry, 2631 Woodward Ave., Detroit, for Flint Hotel Co. Archts. est. $500,000. Noted Mar. 31.

Ill., Chicago—APARTMENT—Oldefest & Williams, archts., 605 North Michigan Ave., masonry contract 9 story, 75 x 76 ft., brick, 901-909 Buena Park Terrace, to Seipp & Lonergan, 179 North Washtenaw Ave.; and carpentry contract, to Olson Bros., 6401 Euclid Ave., for Riemenschneider, 10 South La Salle St. Archts. est. $350,000. Noted June 23.

Ill., Chicago—APARTMENT—Granger & Bollenbacher, archts., 332 South La Salle St., general contract 13 story and basement, 150 x 150 ft., rein.-con., brick and limestone, 58th St. and Dorchester Ave., to E. P. Strandberg Co., 232 East Erie St., for Syndicate, c/o architects. Noted Apr. 14.

Ill., Chicago—APARTMENT—Alexander & Brand, archts., 64 East Jackson Blvd., masonry contract 3 story, 170 x 175 ft., brick and stone, Maple Ave. and Washing-

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Buildings—Commercial (Continued)

ton Blvd., to E. Baaken, Chicago; plumbing, to P. Horn, 1335 West Roosevelt Rd. Archts. est. $450,000. Owner's name withheld. Noted June 9.

Ill., Chicago—HOTEL—R. F. France & Co., archts., 155 North Clark St., masonry contract 3 story, 73 x 174 ft., brick, 536-40 Arlington Ave., to Erickson & Magnusson, 4753 Bway. Ave., for L. P. and E. N. Malone, 155 North Clark St. Archts. est. $200,000.

Ill., Chicago — WAREHOUSE — Milk Dealers Bottle Exch., 2300 West 13th St., masonry and carpentry contract 3 story, 184 x 440 ft. warehouse, 2401-7 and 2355-59 Blue Island Ave., to G. Thompson & Son, 30 North La Salle St. Archts. est. $300,000.

Ill., Waukegan—BANK and OFFICE—A. Alschuler, archt., 28 East Jackson Blvd., Chicago, general contract 8 story and basement, 75 x 90 ft., rein.-con., brick and steel, Washington and Genesse Sts., here, to J. J. Redding & Co., 10 North Clark St., Chicago, for Syndicate, c/o general contractor. Archts. est. $500,000.

Mo., Kansas City—OFFICE—McKecknie & Trask, archts. Bd. of Trade Bldg., general contract 3 story, 86 x 140 ft., brick, steel and rein.-con. addition 10th and Baltimore Sts., to Patti Constr. Co., 626 Lee Bldg. Archts. est. $300,000. Noted June 9.

Mo., St. Louis — STORE and APARTMENT—Dubinsky Realty Co., Wainwright Bldg., 2 story and basement, rein.-con. and brick, on 130 x 143 ft. site, Grand Blvd. and Penrose St., to Ada Building & Investment Co., 808 Chestnut St. Archts. est. $175,000.

Tex., San Antonio — GARAGE — Smith Bros. Properties, Inc., c/o Plaza Hotel, 4 story and part basement, 80 x 190 ft., rein.-con. and brick, plain foundation, Bowens Island-Villita St., to McKenzie Constr. Co., Travis Bldg., approximately $100,000. Noted May 5.

Calif., Antioch—WAREHOUSE—Paraffine Companies, Inc., 475 Brannan St., San Francisco, 1 story, brick warehouse, to Macdonald & Kahn, Financial Center Bldg., San Francisco, $150,000.

Calif., Glendale — HOTEL — H. Hague, 1227 South Central Ave., 4 story and basement, brick, Central Ave. near Kenneth Rd., to Howard & Murphy, 307 West Ivy St., approximately $225,000.

Calif., Long Beach—APARTMENT—R. E. Campbell, 711 Central Bldg., Los Angeles, will build 10 story and basement, 54 x 158 ft., rein.-con. and steel, Linden Ave. near 1st St. Approximately $600,000.

Calif., Los Angeles—APARTMENT—J. H. Jester, Insurance Exch. Bldg., 4 story and basement, brick, Clinton St., to I. Swartz, Insurance Exch. Bldg., approximately $150,000.

Calif., Los Angeles — APARTMENT — Parker & Brill, Commercial Exch. Bldg., 5 story and basement, 60 x 112 ft., brick, South Normandie Ave., to Parker Constr. Co., Commercial Exch. Bldg., approximately $150,000.

Calif., Los Angeles—CLUB—La Mirada del Arce Club, L. E. Behyner, pres., Auditorium Bldg., 6 story, rein.-con., incl. theatre with auditorium 1,000 seating capacity, on 150 x 328 ft. site, Whitley and Franklin Aves., to Meyer & Holler, Wright & Callender Bldg., $250,000.

Calif., Los Angeles—FURNITURE MART—Lloyd & Casler, Inc., 1200 Textile Center Bldg., will build 12 story and basement, 60 x 150 ft., rein.-con., 12th and Santee Sts. $500,000. Work will be done by separate contracts under supervision F. C. Casler, 1200 Textile Center Bldg. W. D. Lee, 704 Textile Center Bldg., archt.

Calif., Los Angeles—GARAGE—E. C. Anthony, Inc., 1000 South Hope St., 4 story and basement, 150 x 160 ft., rein.-con., 10th and Hope Sts., to P. J. Walker Co., Garland Bldg., approximately $250,000.

Calif., Los Angeles—HOTEL—Local Syndicate, 13 story and basement, 80 x 150 ft., rein.-con., 240-48 South Spring St., to A. S. O'Neil, 314 Stimson Bldg. Archts. est. $1,500,000.

Calif., Los Angeles—HOTEL—R. L. Warner, 4 story and basement, brick, Melrose Ave., to F. W. Flingerland, 7015 Melrose Ave., $165,000.

Calif., San Francisco — THEATRE — Capitol Co., c/o Bank of Italy, structural steel contract for theatre, 5,200 seating capacity, Hayes and Market Sts., to U. S. Steel Products Co., Rialto Bldg.

Que., Montreal—OFFICE—Ross & Macdonald, archts., Belmont St., 11 story, rein.-con. and stone office building, to James Shearer, Ltd., St. Patrick St.

Ont., Ottawa—HOTEL—Canadian Natl. Rys., 230 St. James St., Montreal, Que.,

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C. S. Gzowski, ch. engr. constr., steel frame for Chateau Laurier Hotel addition, Rideau St., here, to Dominion Bridge Co., Sparks St. Noted May 26.

Ont., Toronto — APARTMENT — S. T. Floyd, C. P. R. Bldg., general contract 3 story and basement, concrete, steel and stone, Poplar Plains Cres., to Cummings & Howson, 2154 Queen St. E. Archts. est. $150,000. Noted Apr. 7.

Buildings—Industrial

Proposed Work

Mass., Brighton (Boston P. O.)—SERVICE STATION and WAREHOUSE—Heil Hoist Co. 298 North Harvard St., having revised plans prepared by Krug & Smith, Milwaukee, Wis., 1 story, 21,000 sq.ft. floor space, brick and steel, plain foundation, North Beacon and Market Sts. Former bids rejected. Noted June 23.

Mass., Brockton—GARAGE and WELDING SHOP—P. Wychumas, 50 Ames St., Montello, had plans prepared 1 story, rein.-con., plain foundation, Montello and Ames Sts. $40,000. Private plans.

Mass., Dorchester (sta. Boston) — BAKERY — Mattapan Baking Corp., c/o M. E. Levy, archt., 7 Water St., Boston, having plans prepared 1 story, 60 x 150 ft., brick, plain foundation, off Blue Hill Ave. near Mattapan Sq., here. $40,000.

Mass., Hudson—FACTORY—Lynn Ideal Shoe Co., Albany St., Boston, plans 4 story, timber, South St., here. $50,000. Engineer and architect not selected.

N. Y., Buffalo—FOUNDRY—Drop Forge Co., having plans prepared by E. McGeorge, archt. and engr., 3030 Euclid Ave., Cleveland, O., 1 story, brick and steel, here. $75,000.

N. J., New Brunswick—INDUSTRIAL—New Station Island Dye Wks., 16-18 Harvey St., having plans prepared 2 story, 100x100 ft., brick and steel, plain foundation, Harvey St. $40,000. Private plans. Steam heating, boilers, flooring, roofing, pipe and waterproofing.

N. J., Perth Amboy—PLANT—Perth Amboy Dry Dock Co., Broad St., plans rebuilding plant, recently destroyed by fire. $100,000. Engineer and architect not selected.

Pa., Franklin — FACTORY — Chicago Pneumatic Tool Co., 572 West Randolph St., Chicago, Ill., having plans prepared by E. McGeorge, engr. and archt., 3030 Euclid Ave., Cleveland, O., 1 story, 100 x 293 ft., 130 x 220 ft. and 60 x 350 ft., brick and steel, here. $300,000.

O., Alliance—FACTORY—Alliance Toy & Specialty Co., plans 1 story, 20 x 140 ft., brick and steel addition. $40,000.

O., Cleveland — FACTORY — Carnegie Body & Top Co., E. S. Eckstein, secy., 6115 Carnegie, had plans prepared by J. Steffens, Fidelity Bldg., 1 story, 85 x 92 ft., brick, steel and concrete, 6115 Carnegie Ave. $40,000.

O., Columbus — POWER HOUSE — Bd. Trustees Ohio State University, C. L. Steeb, secy., having plans prepared by J. N. Bradford, Ohio State University, 1 story, brick, steel and concrete, on campus. $125,000.

O., Wooster — POTTERY PLANT — Coxon-Belleck China Co. soon takes bids 1 story, 20 x 47 ft., brick, steel and concrete addition, East Bowman St. $40,000.

Mich., Pontiac—COACH PLANT—Yellow Truck & Coach Mfg. Co., General Motors Bldg., Detroit, plans 3 story, 110 x 340 ft. assembly plant, 1 story 360 x 600 x 1,860 ft. body plant, 100 x 100 ft. power plant, and 2 story administration building, rein.-con., brick and steel, South Blvd. $8,000,000. Private plans. Noted June 23.

Ill., Moline—HEATING PLANT—Montgomery Elevator Co., foot 20th St., A. E. Montgomery, pres., having plans prepared by Cervin, Horn & Stuhr, Safety Bldg., Rock Island, new heating plant. $75,000.

Minn., Minneapolis—FACTORY—W. H. Wheeler, archt. and engr., 1110 Metropolitan Life Bldg., soon lets contract 4 story and basement with 6 story tower, 165 x 250 ft., rein.-con., brick and stone, Bway. and Stinson Blvd., for Cream of Wheat Co., D. F. Bull, treas. and mgr., 5th St. and 1st Ave. N. $1,000,000. Noted May 5.

Kan., Atchison—RADIO PLANT—Steinite Laboratories had plans prepared by Homer, Wyatt & Rhodes, archts. and engrs., 468 Bd. of Trade Bldg., Kansas City, Mo., and soon lets contract 4 story and basement, 61 x 113, rein.-con., and brick factory. $175,000. Noted Mar. 3.

Mo., Kansas City—PRINTING PLANT—Smith Grieves Co., 716 Baltimore Ave., having plans prepared by Holden, Ferris & Barnes, 414 New York Life Bldg., 2 story and basement, 60 x 120 ft., rein.-con. and brick, 17th and Washington Sts.

Tex., Amarillo — Soon takes bids 6 in. rein.-con. paving 7,000 yd. Van Buren St., $30,000; and 8 in. gravel surfacing 1 mi. Western Ave., 48 ft. $50,000. H. B. Jones, Amarillo, engr.

Tex., Eastland—POWER PLANT—Oil Belt Power Co., c/o J. E. Lewis, vice-pres., plans power plant improvements for plant point 3 mi. south of here, incl. 15,000 k.w. turbine with accompanying boilers, etc. $400,000 funds appropriated. Private plans.

Calif., South San Francisco—PLANT—Pacific Coast Steel Co., Rialto Bldg., plans 60 x 120 ft. corrugated iron and steel addition to galvanizing plant, and 80 x 290 ft. rolling mill addition.

Calif., Stockton—PLANT—Union Ice & Cold Storage Co., 354 Pine St., San Francisco, plans rein.-con. addition, Mormon Channel. $300,000. Eng. Dept. of Owners, engrs.

B. C., Fernie—SHOPS—Morrissey Michel Ry., W. R. Wilson, pres., plans rebuilding locomotive shops destroyed by fire. $50,000.

Bids Desired

Mass., Cambridge (Boston P. O.)—FACTORY—Tailby Nason & Co., 368 Congress St., Boston, taking bids 3 story, 50 x 99 ft., brick, plain foundation, Amherst and Carlton Sts. $50,000. F. E. Leland, 238 Main St., engr.

Mass., Hyannis—REPAIR, SHOWROOM and GARAGE—J. H. Connolly, Depot Sq., taking bids 1 story, brick, Centre St. $40,000. Private plans.

N. J., Linden—FACTORY, OFFICE and LABORATORY—See 'Contracts Awarded."

Pa., Phila.—WAREHOUSE—U. S. Gypsum Co., 300 West Adam St., Chicago, Ill., taking bids 1 story, 60 x 200 ft., rein.-con. and brick, wood pile foundation, 58th and Schuylkill Sts. Private plans.

O., Wheelersburg — FACTORY — Wheelersburg Wood-Ware Co., taking bids 2 story and basement, 56 x 167 ft., brick, steel and concrete factory. $50,000. Taylor & Kenny, Portsmouth, archts.

Ind., Angola—POWER PLANT—Aug. 1, by Steuben Co. Comn., F. O. Watkins, aud., brick and steel power plant, brick boiler room concrete coal pits, radial brick chimney, concrete pipe tunnels. $50,000. E. I. Brown, 309 First Natl. Bank Bldg., Ft. Wayne, archt. Steam heating.

Contracts Awarded

Vt., Canaan — POWER HOUSE — New England Pub. Serv. Co., new power house, repairing crib dam and pipe line, to Morton C. Tuttle Co., 862 Park Sq. Bldg., Boston, Mass.

Mass., Cambridge (Boston P. O.)—REPAIR and SERVICE GARAGE—R. H. O'Neil, 1384 Massachusetts Ave., 1 story, 100 x 120 ft., rein.-con. and brick, plain foundation, 47 Austin St., to J. D. and G. J. Green, 9 Astor St., Boston. Archts. est. $40,000 or more.

Mass., Fall River — TRANSFORMER HOUSE — Fall River Electric Light Co., 85 North Main St., 2 story, rein.-con. and brick, plain foundation, Jenks St. near Pleasant St., to John Crowe Co., Inc., 486 2nd St. Archts. est. $40,000.

Mass., Malden (br. Boston)—GARAGE and REPAIR SHOP—L. M. Fowler, 424 Pleasant St., 1 story, rein.-con. and brick, plain foundation, to P. J. Griffin, 42 Metcalf St., Medford. Archts. est. $40,000.

Mass., Shrewsbury — PLANT, STOREHOUSE and GARAGE—Chelmsford Ginger Ale Co., Lowell, 3 story, 60 x 80 x 245 ft., rein.-con. and brick, plain foundation, to L. Rocheford & Son, 44 Front St. Archts. est. to exceed $40,000. Noted June 23.

Mass., Somerville (br. Boston) — FACTORY—Consolidated Paper Bag Co., Boynton Rd., 2 story, brick, plain foundation, to N. Hurwitz, 294 Washington St., Boston. Archts. est. $40,000.

Mass., Springfield—ROUNDHOUSE and REPAIR SHOP—Boston & Maine R.R., W. J. Backes, ch. engr., North Sta., Boston, 1 story, 79 x 194 ft., brick and steel, Columbus Ave., here, to Tredennick, Billings Co., 10 High St., Boston. Engrs. est. $73,000.

N. Y., Maspeth—MANUFACTURING—Ideal Chair Co., 1406 Metropolitan ve., Brooklyn, 3 story, rein.-con., plain foundation, Grand St. and Garrison Ave., here, to White Constr. Co., Inc., 95 Madison Ave., New York City. Archts. est. $400,000.

Buildings—Industrial (Continued)

N. J., Clifton (Ind. br. Passaic) — FACTORY — Jersey Carpet Co., 12 Central Ave., Passaic, general contract 3 story, rein.-con., brick and steel, plain foundation, to L. and G. Building Co., 21 Elm St., Passaic. Archts. est. $60,000.

N. J., Elizabeth — POWER PLANT — Pub. Serv. Electric & Gas Co., Terminal Bldg., Park Pl., Newark, general contract altering 2 story, 68 x 100 ft., brick and steel, 72 West Jersey St., here, to Pub. Serv. Production Co., 80 Park Pl., Newark. Archts. est. $60,000.

N. J., Linden—FACTORY, OFFICE and LABORATORY — Radio Electric Clock Corp., 50 Church St., New York City, will build 1 story, 40x100 and 60x100 ft., brick and steel, plain foundation, here. $55,000. Work will be done by separate contracts. W. Mayer, Jr., & R. E. Genez, 711 Bergenline Ave., West New York, archts.

N. J., Irvington (br. Newark) — FACTORY — Strait & Richards, Inc., Selvage St., general contract 1 story, 100 x 100 ft., rein.-con., brick and steel, plain foundation, 23-43 Selvage St., to Fatzler Co., Inc., 676 South 16th St., Newark. Archts. est. $40,000.

N. J., Trenton—PLANT—Golding Sons Co., Peace St., 1 story, 66 x 74 ft., and 36 x 38 ft., brick flint mill, here, to C. J. Smith Constr. Co., 204 Academy St., $250,000. Noted Mar. 17.

Pa., Lansdale—WAREHOUSE—Bridgeman Co., 130 South 30th St., Phila., 1 story and basement, 50x200 ft., rein.-con., brick and steel, plain foundation, here, to Franklin M. Harris Co., 1520 Parrish St., Phila.

Pa., Phila.—SHOP and OFFICE—Ballinger Co., archts., 12th and Chestnut Sts., general contract 1 and 2 story, 63x100 ft., brick and steel, plain and cassion foundations, 613-23 South 24th St., to G. W. Wagoner, 909 South 25th St. Noted May 19.

Pa., Phila.—MANUFACTURING—Gap Darrow Co., 2 story and basement, 20 x 100 ft., rein.-con. and brick addition, plain foundation, 5623 Germantown St., to S. Harting & Son, 20 East Johnson St.

Pa., Phila. — FACTORY — Harris & Richards, archts., Drexel Bldg., 4 story and basement, 80 x 90 ft., rein.-con., brick and steel, plain foundation, Noble and 5th Sts., to F. A. Havens Co., 245 North 19th St., for Walter P. Miller Co., 452 York Ave. Archts. est. $80,000. Noted June 30.

Pa., Phila.—MANUFACTURING—Ruth Glass Co., 3 story and basement, 60 x 60 ft., brick and steel addition, plain foundation, 10th and Hallowell Sts., to W. P. Cameron Eng. Co., Parkard Bldg.

Fla., Jacksonville — POWER PLANT — City, general contract (1st unit) main building, Tallyrand Ave. Power Station, to Hearn Constr. Co., Lutz Bldg., $197,563. Archts. total est. 1st unit $500,000. Noted Dec. 9.

O., Canton — NEWSPAPER PLANT — Daily News Printing Co., 402 2nd St. N. W., 2 and 3½ story, 66 x 200 ft., brick and Indiana limestone, 5th and Market Sts., to G. A. Fuller Co., Inc., 140 South Dearborn St., Chicago, Ill., $200,000.

O., Cleveland — FACTORY — Billings-Chapin Co., N. O. Chapin, pres., 1163 East 40th St., 4 story and basement, 60 x 120 ft., brick and steel, 1163 East 40th St., to G. A. Rutherford Co., 2725 Prospect Ave. Archts. est. $150,000.

O., Cleveland — FACTORY — Sten Fiber Co., 2359 East 67th St., 1 story, 50 x 130 ft brick and steel, 5321 Bower Ave., to G. Pelton, 2448 Euclid Blvd., Cleveland Heights. Archts. est. $40,000. Private plans.

Ind., Elkhart — FOUNDRY and MACHINE SHOP—Mundie & Jensen, archts., 39 South La Salle St., Chicago, Ill., general contract 1 story, 200 x 350 ft., concrete and steel, here, for Curtain Supply Co., to R. Sollitt Constr. Co., South Bend, boilers, to Connolly Boiler Co., 1170 Ivanhoe Rd., Cleveland, O.; stokers, to Combustion Eng. Co., 38 South Dearborn St., Chicago, Ill.; sprinklers, to Viking Auto Sprinkler Co., 450 East Ohio St., Chicago, Ill.; tank for sprinkler, to Chicago Bridge & Iron Wks., 37 West Van Buren St., Chicago, Ill. Archts. est. approximately $200,000.

Ill., Pinckneyville — FACTORY — Price Shoe Co., 1709 Locust Blvd., St. Louis, Mo., 1 story, 48 x 160 x 179 ft., brick and concrete, to Connors & Kissington, c/o job, Pinckneyville.

Mo., St. Louis—ICE CREAM FACTORY—Peverly Dairy Co., 1001 South Grand Blvd., 4 story and basement, 60 x 220 ft., rein.-con. and brick, Grand and La Salle Blvds., to Fruin-Colnon Contg. Co., Merchants-Laclede Bldg. Archts. est. $300,000.

Ark., Ft. Smith—BAKERY—Ft. Smith Biscuit Co., 201 South 5th St., general contract 2 story and basement, brick, to O'Neal & Drake, 613 North 13th St., approximately $50,000. Noted June 9.

Ark., Magnolia—TEXTILE MILL—Magnolia Cotton Mills Co., general contract 137 x 260 ft. mill, 100 x 125 ft. warehouse, and 22 x 43 ft. boiler house, brick and timber, concrete foundations, to T. S. Byrne Eng. & Contg. Co., Ft. Worth Natl. Bank Bldg., Ft. Worth, Tex., approximately $121,000. Noted May 26.

S. D., Sioux Falls—PACKING PLANT—John Morrell & Co., general contract 6 story and basement manufacturing plant; and 2 story top addition to packing plant, rein.-con. and brick, to George J. Grant Constr. Co., 904 Exch. Bank Bldg., St. Paul, Minn., approximately $250,000. Noted Jan. 13.

Tex., Corpus Christi — WAREHOUSE — R. A. Thompson, 1 story, 100,000 sq.ft. floor space, concrete warehouse, to L. T. Wright & Co., 907 Builders Exch. Bldg., San Antonio, approximately $70,000.

Utah, Provo—BY-PRODUCT PLANT—Columbia Steel Corp., 23 Becker type ovens, etc., addition to by-product plant, to Koppers Constr. Co., Union Trust Bldg., Pittsburgh, Pa.

Calif., Belvedere — FACTORY — B. F. Goodrich Co., South Main St., Akron, O., 5 story, 250 x 1,200 ft. main building, 100 x 200 ft. each power house, warehouses, garages and engine buildings, on 45 acre site, Mines Ave. in Union Pacific Industrial tract, near here, to Foundation Co., 120 Liberty St., New York City, $5,000,000. Noted June 9.

Ont., Cornwall — SILK FACTORY — Courtaulds Ltd., Montreal, Que., silk factory addition, here, to Foundation Co. of Canada, Ltd., 746 Sherbrooke St. W., Montreal, Que., $300,000. Noted Nov. 4.

Ont., Toronto — LAUNDRY — Parisian Laundry Co. Ltd., 610 King St. W., general contract 2 and 3 story, rein.-con., brick and steel, plain foundation, Bathurst St. to W. J. Trimkle, 73 Adelaide St. W. Archts. est. $350,000.

Buildings—Educational, Religious

Proposed Work

Mass., Lawrence—CHURCH—Primitive Methodist Church, F. Dracup, pastor, 43 Osgood St., having plans prepared by Ashton, Huntress & Alter, 477 Essex St., altering and constructing 1 story and basement, brick and stucco addition, plain foundation, Salem St. $150,000.

Mass., Rockland — SCHOOL — Town, C. Varney, chmn. com., having sketches made by J. W. Beal Sons Co., 185 Devonshire St., Boston, 3 story and basement, brick and stone, plain foundation, Memorial Park. $350,000.

Mass., Walpole—HIGH SCHOOL—City, School Bd., having plans prepared by McLaughlin & Burr, 88 Tremont St., Boston, 2 story and basement, brick and steel addition. $275,000.

Mass., Watertown — CHURCH — Roman Catholic Parish (being formed) F. E. Rogers, 280 Main St., Woburn, pastor, plans church. $150,000 or more. Engineer and architect not selected.

Mass., Worcester — CHURCH — Notre Dame Ascension Parish, T. O'Leary, pastor, soon lets contract, brick and stone. Salem Sq. $150,000. D. R. Baribault, 1550 Main St., Springfield, archt. Noted May 26.

Conn., Wallingford — INFIRMARY — Choate School having plans prepared by Cram & Ferguson, 248 Boylston St., Boston, Mass., 1 story, 42 x 125 ft., brick and stone infirmary. $150,000. Noted June 23.

N. Y., Great Neck—HIGH SCHOOL—Bd. Educ. having preliminary plans prepared by Guilbert & Betelle, 20 Branford Pl., Newark, N. J., 3 story, brick and steel, plain foundation. $800,000.

N. Y., Syracuse—SCHOOL—City having plans prepared by A. Partridge, City Hall, 2 story, 60 x 250 ft., rein.-con., brick and steel, plain foundation, in Eastwood. $150,000. N. F. Pitts, Jr., City Hall, engr.

N. J., Elizabeth—SCHOOL—Bd. Educ., 417 South Broad St., plans brick and steel, Cross Ave. $300,000. Engineer and architect not selected.

N. J., Glassboro — DORMITORY and COTTAGE—State Building Comn., Capitol, Trenton, having plans prepared by Guilbert & Betelle, 20 Branford Pl., Newark, 2 story, brick and steel, plain foundation, State Normal School Grounds, here. $150,000.

N. J., Little Ferry—SCHOOL—Bd. Educ., Boro Hall, plans 2 story, brick and steel, plain foundation. $150,000. Engineer and architect not selected.

N. J., Newark — SCHOOL — Bd. Educ., Broad and Green Sts., having plans prepared by F. Grad, 1023 Broad St., 3 story, brick and steel, plain foundation, Bagraw Ave. $350,000.

Tenn., Jamestown — SCHOOL — State Building Comn., Nashville, Fentress Co. and Alvin C. York fund, plan Agricultural Institute, near here. $150,000. P. L. Hamed, chn. State Bd. Educ., Nashville. Noted June 25, 1925.

O., Columbus—CHEMISTRY and LABORATORY—Bd. Trustees Ohio State University, C. E. Steele, secy., having plans prepared by J. N. Bradford, Ohio State University, 5 story and basement, 84 x 150 ft. chemistry building addition, on campus, $300,000; also 2 story, 40 x 92 ft. laboratory on Gibraltar Island in Lake Erie, $60,000, both, brick, stone and concrete.

O., Columbus — LIBERAL ARTS — Bd. Trustees Ohio State University, C. E. Steele, secy., having sketches made by J. N. Bradford, Ohio State University, remodeling and

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Buildings—Educational, Religious (Cont.)

constructing 4 story and basement, brick and stone addition, on campus. $400,000.

O., Wooster—CHURCH—First Presbyterian Church having plans prepared by J. C. Fulton & Son, Uniontown, Pa., 1 and 2 story and basement church. $225,000.

Ind., Bloomington—CHEMISTRY—University of Indiana having preliminary plans prepared by R. F. Daggett, 922 Continental Bank Bldg., Indianapolis, 1 story and basement, 70 x 172 ft., rein.-con., brick and steel chemistry building. $160,000.

Ind., Indianapolis — HIGH SCHOOL — School Comrs., 150 North Meridian St., having plans prepared by Vonnegut-Bohn-Mueller, 608 Indiana Trust Bldg., Technical High School, rein.-con. brick and steel, incl. auditorium, 5,000 seating capacity, 1500 East Michigan St. $450,000.

Ind., Indianapolis — SCHOOL — School Comrs., 150 North Meridian St., having preliminary plans prepared School 73, rein.-con, brick and steel, incl. auditorium, 4101 East 30th St. $400,000. Engineer and architect not selected.

Ind., Indianapolis—SUNDAY SCHOOL—Tabernacle Presbyterian Church having plans prepared by J. W. C. Corbusier, Keith Bldg., Cleveland, O., brick and steel, 34th St. and Central Ave. $300,000.

Ind., Richmond—NURSES HOME—Reid Memorial Hospital, T. C. Harrington chn. building com., having plans prepared by W. Scholer, Painters Bldg., Lafayette, rein.-con., brick and steel nurses home. $155,000.

Ind., Muncie—TRAINING SCHOOL—Bd. Trustees Ball Normal School having sketches made by Snyder & Babbitt, 16 East Broad St., Columbus, O., 4 story and basement, concrete, brick and stone school. $300,000.

Ill., Rock Island—HIGH SCHOOL and ATHLETIC FIELD—Bd. Educ., c/o E. F. Burch, secy., having preliminary plans prepared by Cervin, Horn & Stuhr, Safety Bldg., 3 story, rein.-con., brick and stone, between 12th and 17th Sts. and 23rd and 25th Aves. $1,000,000.

Ill., Rock Island—SCHOOL—Bd. Educ., J. F. Whittier, pres., takes bids about Aug. 15, 3 story, rein.-con. and brick school. $150,000. Cervin, Horn & Stuhr, Safety Bldg., archts.

Mo., St. Louis—NURSES HOME and SCHOOL—Bd. Trustees Shriners Hospitals for Crippled Children, J. R. Watt, secy., 24 James St., Albany, N. Y., rejected bids 3 story and basement, 99 x 154 ft., and 27 x 38 ft., rein.-con. and brick, Euclid and McKinley Aves., here. $200,000. Will readvertise. Hentz, Adler & Shutze, 1330 Candler Bldg., Atlanta, Ga., and W. B. Ittner, 911 Locust St., St. Louis, Mo. archts.

Mo., Springfield — CHURCH AUDITORIUM—First Baptist Congregation, L. M. Hale, pastor, 457 South Ave., having preliminary plans prepared brick and concrete, 5th and Seminole Sts. $150,000.

Tex., Borger (Plemons P. O.)—HIGH SCHOOL—Voted $200,000 bonds, new high school, for Bd. Educ. (Ind. School Dist.).

Tex., Canyon — EDUCATIONAL — West Texas State Teachers College, c/o J. A. Hill, pres., plans 3 or 4 story part basement, fireproof building. $350,000 appropriated.

Tex., Harrisburg — HIGH SCHOOL — Voted $400,000 bonds, high school.

Tex., Harrisburg — HIGH SCHOOL — Voted $260,000 bonds, new Junior High School. Address J. O. Webb, c/o Bd. Educ., Harrisburg.

Ore., Portland—SCHOOL—School Dist. 1, 7th and Clackamas Sts., had plans prepared by G. H. Jones, 7th and Clackamas Sts., and soon takes bids concrete and brick, Portsmouth Ave. To exceed $250,000.

Calif., Berkeley — DORMITORY and SCIENCE—University of California having plans prepared by G. W. Kelham, 315 Montgomery St., San Francisco, men's dormitory, $250,000 or more, and science building, $150,000 or more, both fireproof on University Campus.

Calif., Glendale—HIGH SCHOOL—Glendale Union High School Dist., voted $1,400,000 bonds, purchasing site, new high school, and addition to Bway. High School.

Calif., Los Angeles—UNIVERSITY—Los Angeles University, c/o K. B. Norswing, Fullerton, and W. J. Gram, 3923 West 6th St., plans university. $5,000,000.

Calif., Maricopa — COMMUNITY CENTER—E. G. Lewis, c/o Roth & Parker, archts., Hollywood Bldg., Los Angeles, having plans prepared community center, incl. concrete swimming pools, 50 x 100 ft. bath house, club buildings, etc. $200,000.

Calif., Monrovia—HIGH SCHOOL—Monrovia City High School Dist., D. H. Ray, secy., voted $625,000 bonds, high school.

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Que., Montreal — CHURCH — Christian Science Church, 41 Clorse St., having plans prepared by A. D. Thacker, 1100 Beaver Hall Hill, and soon takes bids stone and steel church. $250,000.

B. C., Vancouver—SCHOOL, etc.—Soon takes bids new school and roads. $1,135,000.

Bids Desired

Mass., Everett (br. Boston)—SCHOOL, etc.—City, C. Bruce, chn. bldg. com., 50 Norwood St., taking bids, 2 story and basement, brick and stone addition, plain foundation, Summer St. $150,000. F. I. Cooper Corp., 172 Tremont St., Boston, archts. Noted May 19.

R. I., Howard—DORMITORY—July 15, by Pub. Welfare Dept., State House, L. Putnam, chn., Providence, 3 story and basement, brick, plain foundation, at State Hospital for Mental Diseases, here. $150,000 or more. Clarke & Howe, Turks Head Bldg., Providence, archts.

N. Y., Brooklyn—SCHOOL—July 27, by W. H. Gompert, supt. School Buildings, Flatbush Ave. extension and Concord St., general contract P. S. 225, Ocean View Ave. from Humbert to Ripple Sts., Brighton Beach, here, for Bd. Educ., 500 Park Ave., New York City.

N. Y., Brooklyn—LIBRARY—July 27, by J. J. Byrne, pres. Brooklyn Boro, Boro Hall, general construction south or Flatbush Ave. Wing, Brooklyn Pub. Library, Prospect Park Plaza between Flatbush Ave. and Eastern Parkway.

N. J., Newark — APARTMENT — See "Contracts Awarded."

N. J., Newark—BANK and OFFICE—See "Contracts Awarded."

N. J., Ogdensburg—SCHOOL—July 18, by Bd. Educ., general contract 2 story and basement, 93 x 130 ft., brick and steel, plain foundation. $150,000. Rasmussen & Wayland, 36 West 47th St., New York City, archts.

Pa., Altoona—HIGH SCHOOL—Aug. 1, by W. N. Decker, secy., Altoona School Dist., 1500 6th Ave., 3 story and basement, 25 x 400 ft., rein.-con., brick and steel addition to Senior High School 14th St. $800,000. Hersh & Shollar, Commerce Bldg., archt. Noted Feb. 3.

Ind., West Lebanon—SCHOOL—July 19, by G. L. Pence, trustee Pike Twp., 64 x 100 ft., brick and concrete addition to grade and high school. L. L. Johnson, Farmers & Merchants Bank Bldg., Attica, archt.

Mich., Waterford—SCHOOL—July 19, by A. B. Hayes, secy. Bd. Educ., 2 story and basement, rein.-con., brick and steel, plain foundation, Elizabeth Lake Rd. $150,000. Lane, Davenport & Peterson, 1017 Charlevoix Bldg., Detroit, archts. Noted June 30.

Tex., Abilene—SUNDAY SCHOOLS—First Baptist Congregation, c/o W. Jackson, taking bids two 4 story 65 x 140 ft., rein.-con. and brick annexes, plain foundations, North 3rd and Hickory Sts. $150,000. W. Nichol & G. F. Campbell, 29-30 Radford Bldg., archts.

Tex., San Antonio—CHURCH and SUNDAY SCHOOL — Methodist Congregation, c/o pastor, taking bids 2 and 4 story, 91 x 138 ft., rein.-con. and brick, plain foundation, Woodlawn and Belknap Sts. $175,000. Adams & Adams, c/o Builders Exch. Bldg., archts.

Contracts Awarded

Me., Hinckley — CHAPEL — Good Will Home Assn., G. W. Hinckley, 1 story and basement, brick, stone, and marble, plain foundation, to H. Purrington, 65 Temple St., Waterville. Archts. est. $150,000.

N. H., Hanover — DORMITORY and NATURAL SCIENCE—Dartmouth College, 4 story and basement, 110 x 135 ft., brick and stone, North Main St., to Hegeman-Harris Co., 360 Madison Ave., New York City. Archts. est. $150,000 or more. Noted June 2.

Mass., Cambridge (Boston P. O.) — DORMITORY—Harvard University, altering and constructing 4 story and basement, brick addition to Holyoke House, plain foundation, to E. A. Abbott Co., 3 Park St., Boston. Archts. est. $150,000. Noted June 30.

Mass., Dedham—HIGH SCHOOL—Town, F. E. Grant, ch. com., general contract altering and constructing 2 story and basement, brick addition, plain foundation, Bryant St., to H. J. Ferguson, 62 Macomber Terrace; plumbing, heating and ventilating, to R. B. Crocker Co., 107 Massachusetts Ave., Boston.

Mass., Dorchester (br. Boston) — SCHOOL — City of Boston, Schoolhouse Dept., 2 story basement and 2 wings, 60 x 70 ft., brick and limestone addition to Grover Cleveland School, plain foundation, Charles St., here, to M. Cummings, 43 Tremont St., Boston, $114,000.

Mass., Falmouth—SCHOOL—Town, Supt. schools, for Teaticket School, 2 story and basement, brick and stone, incl. gymnasium and auditorium, to Eastern Constr. Co., 210 Main St., Woonsocket R. I. Archts. est. $150,000. Noted Mar. 24.

Mass., Leominster—NURSES HOME—Leominster Hospital Assn., W. H. Cropper, pres., 3 story and basement, brick and stone, plain foundation, to Wiley & Foss, Central St., Fitchburg, Archts. est. $150,000. Noted May 19.

Mass., Lexington—CHURCH and PARISH HOUSE—First Baptist Society, J. H. Jenner, pastor, 1 and 2 story and basement, brick and stone, plain foundation, to Custance Bros., 54 Bedford St. Archts. est. $150,000 or more.

Conn., Thompsonville — CHURCH — St. Adelberts Parish, 1 story, brick and stone, to W. Savage, 148 Pearl St. Archts. est. $150,000. Noted June 16.

Conn., Willimantic — SCHOOL — State Normal School, 2 story and basement, brick and steel addition, Valley St., to Bartlett Brainard Co., 252 Asylum St., Hartford. Archts. est. $200,000. Noted June 16.

N. Y., New York—SCHOOL—Christian Brothers Institute, c/o P. G. Stadler, archt., 16 East 43rd St., 4 story and basement, 112 x 128 ft., brick and steel, plain foundation, Walton Ave. and 164th St., to Newenhouse Co., Inc., 16 East 43rd St. Archts. est. $500,000.

N. Y., Rochester—SCHOOL—Bd. Educ., masonry contract Lexington School 34, 2 story and basement, 146 x 193 ft., brick and concrete plain foundation, Lexington Ave. and Holmes St., to A. Friederich & Sons Co., 710 Lake Ave., $150,609. Noted Apr. 28.

N. J., Newark—CHURCH and SUNDAY SCHOOL — Mt. Pleasant Baptist Church, 330 Union Avenue, Belleville, general contract 2 story and basement, 70 x 120 ft., brick and steel, plain foundation, Lincoln Ave. near and Belleville Ave., here, to Becker Constr. Co., 361 Grove St. Archts. est. $150,000.

N. J., Princeton—SCHOOL—Princeton University, general contract 3 story, brick and steel, plain foundation, McCormack Hill, to Matthews Constr. Co., Alexander St. Archts. est. $150,000.

Pa., Homer City—SCHOOL—Bd. Educa., general contract 2 story and basement, brick and steel, to Dick Constr. Co., Clairton, Archts. est. $150,000.

O., Cincinnati — SCHOOL — Bd. Educ., Denton Bldg., 3 story and basement, 532,000 cu.ft. floor space, brick and rein.-con., plain foundation, Herschel St., to D. Gordon, Burnet St., $150,235. Noted Feb. 3.

Mich., Detroit — SCHOOL — Bd. Educ., 1354 Bway. Ave., 2 story and basement, rein.-con., brick and steel, plain foundation, Wisconsin Ave., to Stibbard Constr. Co., 3000 Grand River Ave., $156,652. Noted June 2.

Ill., Macomb—GYMNASIUM and POWER HOUSE—Western Illinois State Teachers College, gymnasium and power house, to J. C. Huntzinger & Co., Security Bldg., Davenport, Ia., $150,000.

Minn., Mankato—SCHOOL—Bd. Educ. general contract 2 story and basement, 125 x 142 ft., rein.-con. and brick school, to E. Carlstrom, Mankato, approximately $250,000. Noted June 9.

Mo., Columbia—SOCIAL CENTER and CHURCH — First Baptist Congregation, c/o L. W. Smith, pastor, 3 story and basement, 125 x 180 ft., rein.-con., brick and stone, Bway. and Waugh St., to Simon Constr. Co., Columbia. Archts. est. $250,000. Noted May 5.

Mo., St. Louis — CHURCH — St. James Roman Catholic Parish, c/o P. J. O'Connor, pastor, Tamm Ave., 1 story and basement, rein.-con., brick and Bedford stone, plain foundation, here, to Gillespie & Daly, International Life Bldg. Archts. est. $150,000 Noted Apr. 21.

Calif., San Francisco—HIGH SCHOOL—City and San Francisco Co., general contract South Side High School, rein.-con., to McDonald & Kahn, Financial Center Bldg., $248,249.

Federal Government Work

Proposed Work

Conn., New London—Riprapping—Spec. 5437—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans riprapping along waterfront at Naval Submarine Base, here. L. E. Gregory, ch. of bureau.

Federal Government Work (Continued)

Texas—Dredging, etc.—U. S. Engineer Office, Galveston, plans dredging, clearing, etc., in Sabine Neches $800,000, in Houston Texas Ship Channel $500,000, Galveston Channel $250,000, Galveston Harbor $100,000, Port Aransas $150,000, Double Bayou $12,000, Trinity River $21,500, Freeport Harbor $75,000, channel from Brazos River and Matagorda Bay $44,500, Brazos Island Harbor $33,000, channel to Port Bolivar $20,000, Anahuac Channel $31,000, and channel from Pass Cevallo to Port Aransas $18,000.

Calif., San Diego—Air Compressor—Spec. 5417—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans relocating air compressor, at Naval Operating Base, (Destroyer Base), here.

Bids Desired

D. C., Wash.—Power Plant Equipment—Spec. 5334—July 27, by Bureau Yards & Docks, Navy Dept., Wash., D. C., power plant equipment for Naval Hospital, here. Noted July 7.

Md., Annapolis—Water Main—Spec. 5381—July 20, by Bureau Yards & Docks, Navy Dept., Wash., D. C., water main (Experimenting Station and Rifle Range), at Naval Academy, here.

Va., Alexandria—Repairing Pier—Spec. 5368—July 20, by Bureau Yards & Docks, Navy Dept., Wash., D. C., repairing and rebuilding pier at Naval Assembly Plant, here. Noted July 7.

Miss., Gulfport—Roads—Aug. 2, by U. S. Veterans Bureau, Arlington Bldg., Wash., D. C., grading, draining and concrete paving roads at U. S. Veterans Hospital 74, here.

Oregon and Idaho—Railroad, etc.—Aug. 16, by Bureau Reclamation, Boise, Idaho, earthwork, structures, trackwork, and ballasting for Owyhee R.R., or 20 mi. grading, etc., Owyhee Highway, each extending from Adrian, Ore., on Homedale Branch Oregon Short Line Ry. to dam site on Owyhee River, point 11 mi. southwest of Adrian.

Wash., Pugent Sound—Fence—Spec. 5319—Aug. 3, by Bureau Yards & Docks, Navy Dept., Wash., D. C., renewing fence, at Navy Yard here.

Contracts Awarded

Conn., New London—Reroofing—Spec. 5366—Bureau Yards & Docks, Navy Dept., Wash., D. C., reroofing buildings at Naval Submarine Base, here, to Columbia Cornice Co., 268 Elm St., Cambridge, Mass., $3,426 (60 days). Noted June 9.

N. J., Bayonne — Post Office — Treas. Dept., at office Supervising Archt., Wash., D. C., constructing U. S. Post Office, here, to Devault & Deitrick, Massillon Rd., Canton, O., $191,900. Noted May 28.

Pa., Phila. — Storage Addition — U. S. Veterans Bureau, Arlington Bldg., Wash., D. C., constructing storage addition to kitchen, to C. S. Bennett, 1633 South 59th St., $9,400; and refrigerating plant, to Curtis Grindrod Co., 10 South 18th St., $3,500. Noted June 9.

N. C., Oteen—Water System, etc.—U. S. Veterans Bureau, Arlington Bldg., Wash., D. C., outside water, sewer and steam distribution system, at U. S. Veterans Bureau, here, to B. L. Williams, 211 Bank St., Norfolk, Va., $46,861. Noted June 16.

Ga., Augusta — Quarters, etc. — U. S. Veteran's Bureau, Arlington Bldg., Wash., D. C., constructing Marine Officer's Quarters 31; Officer's Duplex Quarters 30 and 29, and Nurses Home 18, at U. S. Veteran's Hospital here, to J. A. Jones Constr. Co., 41' Commercial Bank Bldg., Charlotte, N. C., $114,861. Noted Apr. 14.

La., New Orleans — Inspection Boat — U. S. Engineers Office, Army Supply Base, Poland and Dauphine Sts., steel hull inspection boat, to Chas. Ward Eng. Wks., South Side, Charleston W. Va., $63,733. Noted May 19.

Mich., Mt. Clemens — Barracks, etc. — Constructing Quartermaster, Selfridge Field, quarters for air corps, here, to Martin Kraussman Co., 955 East Jefferson St., Detroit, $536,500. Noted June 2.

Ia., Clinton—Dredging—U. S. Engineer Office, Rock Island, Ill., dredging approximately 760,000 cu.yd. in Beaver Slough, a secondary channel of Mississippi River, here, to McWilliams Dredging Co., 332 South Michigan Bldg., Chicago, Ill., $65,-660. Noted Mar. 24.

Mo., Kansas City—Roofing—Treas. Dept., at office Supervising Archt., Wash., D. C., roofing U. S. Post Office and Court House, here, to L. Van Dorp & Son, 509 Jackson St., Topeka, Kan., $10,812. Noted June 9.

Calif., Red Bluff — Post Office — Treas. Dept., at office Supervising Archt., Wash. D. C., constructing U. S. Post Office, here, to Welch & Fritz Constr. Co., Bancroft Bldg., San Diego, $75,478. Noted May 12.

Unclassified

Proposed Work

Playgrounds — Massachusetts — City of Boston, Dept. Pub. Wks., plans school playground Roxbury and Dunlow Sts. in Roxbury, $25,000; also one Ormond St., Outlook, Hillsboro and Byers Rds. in Dorchester, $25,000 or more. J. H. Sullivan, comr.

Playground—East Boston (br. Boston), **Mass.**—City of Boston, Dept. Pub. Wks., plans public playground in 4th Sect. $100,-000. J. H. Sullivan, comr.

Grain Elevator — Framingham, Mass. — J. Cushing Co. plans rebuilding grain elevator, recently destroyed by fire. $25,000 or more. Engineer not selected.

Swimming Pool, etc.—Gloucester, Mass.—Owner, c/o H. L. Kennedy, archt., 80 Boylston St., Boston, made plans concrete swimming pool, water filters, pumps, concrete walks, stone wall, etc., here.

Swimming Pool, etc.—Lexington, Mass.—Town, W. H. Ballard, chn. com., made plans concrete and tile swimming pool, Center Playground. $25,000. Private plans.

Swimming Pool, etc.—Baton Rouge, La.—Park Comrs. making plans concrete swimming pool and concrete and stucco bath house. $50,000-$60,000. Amer. Park Builders, 201 East Ontario St., Chicago, Ill., engrs.

Golf Course—Glendale, Mich.—A. Day having plans prepared by Amer. Park Builders, 201 East Ontario St., Chicago, Ill., 18 hole golf course.

Golf Course and Club House—Glencoe, Ill.—Big Ten Golf Club, c/o Williams & Squires, 6 North Clark St., Chicago, having plans prepared by Amer. Park Builders, 201 East Ontario St., Chicago, 18 hole golf course and club house, on Dundee Rd. west of here. $350,000.

Fill—St. Louis, Mo.—City, c/o Bd. Pub. Serv., takes bids about Aug. 2, approximately 70,000 cu.yd. fill for approaches to Delmar Blvd. viaduct over Wabash Ry. tracks. $70,000. L. B. Bowen, 301 City Hall, engr.

Oil Tanks—Ingleside, Tex.—Humble Oil & Refining Co., making surveys, etc. 10 oil tanks, 55,000 bbl. capacity. $800,000. Private plans.

Grain Elevator—Quitaque, Tex.—G. Wise purchased site and making plans grain elevator, rein.-con. $75,000. Private plans.

Transmission Line — Oklahoma — Lincoln Power Co., Howe, plans 65 mi. 33,000 volt electric transmission line from Howe to McAlester. $75,000. D. Reid, Ft. Smith, Ark., engr.

Tunnel—North Vancouver, B. C.—Vancouver Harbor Comrs., 525 Seymour St., made plans and soon take bids 0.4 mi. rein.-con. cut and cover tunnel connecting Terminal Railway with Pacific Great Eastern under Lonsdale Ave. $200,000. H. W. Freth, 525 Seymour St., engr.

Bids Desired

Athletic Field — Newton (Ind. br. Boston), **Mass.**—City, E. O. Childs, mayor, taking bids concrete and timber athletic field and stadium. $50,000. Private plans. Noted Mar. 17.

Tunnel—Newton (Ind. br. Boston), **Mass.**—City Building Dept., City Hall, taking bids concrete tunnel connecting Newton High School buildings. $60,000. Private plans.

Boardwalk—Long Island City, N. Y.—July 18, by M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., constructing boardwalk, incl. ramps and approaches, along ocean front from Beach 21st to 109th Sts.

Coal Trestle, etc.—Sonyea, N. Y.—July 20, by Commissioner Mental Hygiene, Capitol, Albany, constructing coal trestle and railroad track at Craig Colony, here.

Plumbing and Heating—Canton, O.—July 22, by Bd. Comrs. Stark Co., plumbing, heating and water supply for tuberculosis hospital. A. L. Thayer, New Castle, Pa., engr. Noted June 23 under "Buildings—Commercial."

Swimming Pool—Lakewood (br. Cleveland)—July 18, by Bd. Educ., G. W. Grill, clk., swimming pool. $100,000. M. F. Hasbrouck Co., 101 Park Ave., New York City, engrs. Former bids rejected. Noted May 5.

Lighting System—St. Paul, Minn.—July 19, by A. E. Eggert, city purch. agt., ornamental lighting system on portions Montreal Ave. and Edgecombe Rd. G. M. Shepard, city engr.

Telephone Extensions—St. Louis, Mo.—See "Contracts Awarded."

Boilers, etc.—St. Louis, Mo.—July 26, by Bd. Pub. Serv., 208 City Hall, installing three 500 hp. boilers in Municipal Serv. Building approximately $54,000, brick setting, etc. for 3 boilers $19,000, 3 chain grate stokers, etc. $27,000; and constructing substation for electric street lighting system Dist. E, $20,000.

Police Signal and Telephone System—Montreal, Que.—July 16, by Executive Com., City Hall, police signal and telephone system in North Dist. $75,000.

Stadium—Hamilton, Ont.—July 18, by C. V. Langs, chn. Bd. Park Management, Main St. W., rein.-con. and steel athletic stadium. $60,000. E. H. Darling, Federal Bldg., engr.

Contracts Awarded

Pipe Line — Claremont, N. H. — See "Dams."

Baseball Stand—West Haven (br. New Haven), **Conn.**—Yale University Athletic Assn., steel and concrete baseball stand at Yale Baseball Field, to Dwight Building Co., 69 Church St., New Haven. Engrs. est. $185,000.

Tugs—Waterford, N. Y.—T. F. Farrell, comr. Canals & Waterways, State Pub. Wks. Bldg., Albany, 2 ice breaking steel tugs, at Barge Canal Terminal, here, to Buffalo Marine Corp., Fort Michigan St., Buffalo, $88,500.

Outdoor Gymnasium—Princeton, N. J.—Princeton University, constructing outdoor gymnasium to Matthews Constr. Co., Princeton. Archt. est. $25,000. Noted Jan. 27.

Tunnel—Kent, O.—W. Acluff, secy. Bd. Trustees Kent Normal School, constructing 300 ft. tunnel for water service, etc., to R. B. Child, Findlay, $16,993; revamping steam and water lines, to Thatcher Heating Co., 455 East Exch. St., Akron, $12,800; and electrical work, to G. Hirsch Co., 233 South High St., Columbus, $10,600. Grand total $40,393.

Coal Handling Equipment — Milwaukee, Wis.—Sewerage Comn., coal handling equipment for dryer house at disposal plant, on Jones Island, to Chain Belt Co., 736 Park St., $10,690. Noted June 16.

Grain Elevator — Hutchinson, Kan. — William Kelley Milling Co., 8 rein.-con. storage tanks, each 96 ft. high and 25 ft. diam., to Jones Hettlesater Constr. Co., 708 Mutual Bldg., Kansas City, Mo. Engrs. est. $40,000. Notew Apr. 21.

Telephone Extensions—St. Louis, Mo.—Southwestern Bell Telephone Co., 11th and Pine Sts., will construct telephone extensions in district bounded by Shaws Garden, Cooper, Northrup and Magnolia Aves., incl. 3 mi. underground cable in new subway from Laclede-Prospect Exchange to Bannon Ave., $49,150; also underground and aerial cables in district bounded by Vandeventer Ave. and River Des Peres from Chouteau Ave. to Missouri Pacific R.R. tracks, $37,800, by day labor. Private plans.

Pipe Line—Texas and Kansas—Empire Companies, Lubbock, Tex. and Bartlesville, Okla., 400 mi. 12 in. in pipe line from Panhandle, Tex. to Wichita, Kan. to Acme Fdry. & Machine Co., Coffeyville, Kan., approximately $3,000,000.

Gas System—Texas—Southwest Gas Co., Houston and Luling, 2, 6, and 10 in. pipe line and distributing systems in Cuero, Yoakum, Gonzales and Lockhart, to Sanderson & Porter, 52 William St., New York City, N. Y. approximately $350,000.

Lighting System—Ft. Worth, Tex.—City, O. E. Carr, mgr., ornamental lighting system on Houston and Main Sts., from Weatherford to East Frost Sts., to N. E. Bushby & Co., 111 South Haskell Ave., Dallas. $45,188. Engrs. est. $48,000. Noted June 30.

Materials

Bids Desired

Switches, etc.—Phila., Pa.—July 20, by C. E. Walsh, purch. agt., Pennsylvania R.R., 15 North 32nd St., West Phila., switches, switch points, frogs and crossings, etc. Contr. 88-1927; and fabricated steel for bridges. Contr. 89-1927.

Pipe—Montreal, Que.—July 29, by Chairman Executive Com., City Hall, 30 in. c.i. pipe. $70,000.

See proposal advertising on page 151

Constr. News page 25

UNIT PRICES

On actual contracts gathered by field correspondents, also those sent in by readers

Sewage Disposal Works—Parsons, Kan.

Bids were opened by City, Mar. 29, (lowest three) for sewage disposal works, from (A) Carrothers & Nelson, 600 Walsex Bldg., Kansas City, Mo., (awarded contract); (B) Reed & Wheelock, Clay Center; (C) F. A. Every & Sons, Parsons. The unit bids are as follows:

	A	B	C
9,500 cu.yd. earth excavation	$0.75	$0.75	$0.90
100 cu.yd. loose rock excavation	1.50	3.00	3.00
Solid rock excavation	6.00	4.50	7.00
Removing septic tank roof (lump sum)	1,700.00	2,000.00	275.00
Preliminary settling tank, using Dorr clarifier mechanism (lump sum)	6,600.00	6,500.00	6,579.19
Using Hardinge clarifier mechanism (lump sum)	6,300.00	6,500.00	6,679.19
Final settling tank:—			
Using Dorr clar. mechan. (lump sum)	8,800.00	8,000.00	9,794.47
Using Hardinge clar. mechan. (lump sum)	8,480.00	8,000.00	9,819.47
Aeration tanks (lump sum)	17,200.00	16,000.00	15,518.00
Blower station (lump sum)	9,550.00	11,500.00	10,385.93
Pumping station (lump sum)	4,750.00	7,500.00	5,790.00
Upper control manhole (lump sum)	860.00	750.00	1,136.83
Lower control manhole (lump sum)	460.00	700.00	1,137.61
Weir gauging station (lump sum)	1,370.00	1,500.00	1,659.40
Sludge filters (lump sum)	6,050.00	6,375.00	7,840.04
620 lin.ft. 4 in. cast iron pipe laid	1.50	1.75	1.80
660 lin.ft. 6 in. cast iron pipe laid	1.70	1.75	2.45
700 lin.ft. 8 in. cast iron pipe laid	2.40	2.00	3.95
10 in. cast iron pipe laid	3.00	3.25	.....
12 in. cast iron pipe laid	3.50	3.75	.....
70 lin.ft. 16 in. cast iron pipe laid	3.60	4.25	7.90
100 lin.ft. 4 in. vit. clay sewer pipe laid	.50	.75	.....
150 lin.ft. 6 in. vit. clay sewer pipe laid	.70	1.00	.65
350 lin.ft. 8 in. vit. clay sewer pipe laid	.80	1.50	.75
12 in. vit. clay sewer pipe laid	1.25	2.00	1.40
15 in. vit. clay sewer pipe laid	1.50	2.50	.....
250 lin.ft. 18 in. vit. clay sewer pipe laid	2.00	3.50	.....
21 in. vit. clay sewer pipe laid	3.50	5.00	5.75
Sludge digester piping (lump sum)	$1,770.00	2,500.00	2,289.36
60 cu.yd. misc. reinf. concrete	24.00	28.00	.....
10 cu.yd. conc. backfill	12.00	15.00	15.00
6 surface drainage inlets	15.00	15.00	10.00
5 standard manholes	50.00	60.00	100.00
10 cu.yd. concrete in bulkhead	25.00	20.00	20.00
Time of completion, months	10	8	9
Totals based on Hardinge Clarifiers	$72,834	$78,732	$81,636
Totals based on Dorr Clarifiers	$73,454	$78,732	$81,511

Engineering News-Record Issue of July 14, 1927

Bridges—Washington

Bids were opened by State Highway Department, Olympia, Apr. 26, (lowest three) for bridges on State Road No. 1, Pierce Co., Redondo to Tacoma, from (A) Paul S. Savage, 729 Tacoma Bldg., Tacoma, (awarded contract); (B) Pacific Construction & Timber Co., Seattle; (C) J. F. Bachelor, Tacoma. The unit bids are as follows:

	A	B	C
895 cu.yd. structure excavation	$2.55	$1.30	$2.60
30 cu.yd. gravel backfill in place	3.25	2.75	3.00
305 cu.yd. concrete class "A" in place	17.00	18.00	21.75
305 cu.yd. concrete class "B" in place	15.50	18.00	19.80
70 cu.yd. concrete class "E" in place	13.50	17.50	13.80
63,700 lb. steel reinf. bars in place	.042	.07	.035
72 M. ft. b.m. lumber and plank, treated in place	81.00	76.00	77.50
350 M. ft. b.m. lumber and plank, untreated in place	45.00	47.00	66.00
5,200 lin.ft. furnishing piling at site, treated	.54	.54	.55
2,860 lin.ft. furnishing piling at site, untreated	.155	.24	.27
115 driving piles treated	6.25	9.00	10.00
90 driving piles untreated	9.00	8.00	10.00
135 lb. copper seal, in place	.50	.60	.55
Totals	$26,750	$28,877	$29,853

Engineering News-Record Issue of July 14, 1927

Constr. News page 26

Sewers—Houston, Tex.

Bids were opened by City, Mar. 15, for storm sewers in Wayside Drive from Navigation to Buffalo River, 67th St., from Navigation to Avenue N and Avenue N from 67th Street to Wayside Drive, from (A) C. K. Horton, 2202 Clay St., (awarded contract); (B) McClendon & Green, First National Bank Bldg.; (C) Scott Shambaugh. The unit bids are as follows:

	A	B	C
10 cu.yd. extra excavation	$1.50	$2.00	$1.00
10 ton mi. haufing	1.00	1.80	1.00
10 man hrs. extra work—labor	.60	.60	.50
10 team hrs. extra work—team	.80	.90	.80
2 M.ft.b.m. timber in foundations	60.00	75.00	40.00
15 M.ft.b.m. timber ordered left in trenches	40.00	35.00	40.00
15 cu.yd. extra class 2 concrete	20.00	20.00	18.00
1 cu.yd. extra brick masonry	30.00	30.00	25.00
1,000 lb. extra reinforcing steel	.10	.08	.05
5 cu.yd. road gravel	4.00	5.00	3.00
5 cu.yd. road shell	4.00	3.50	1.80
14 std. manhole type "A"	70.00	70.00	60.00
35 lin.ft. extra depth man hole type "A"	10.00	10.00	5.00
52 supplying and setting inlet type "B"	35.00	35.00	33.00
2 supplying and setting dbl. inlet "B"	70.00	70.00	65.00
8 ft. extra depth dbl. inlet "B"	12.00	10.00	8.00
200 lin.ft. mon. concrete 36-in.— 0 to 6 ft.	5.25	5.50	5.60
10 lin.ft. mon. concrete 36-in.— 6 to 8 ft.	5.75	6.00	6.50
710 lin.ft. mon. concrete 36-in.— 8 to 10 ft.	5.80	6.00	6.50
1,780 lin.ft. mon. concrete 36-in.—10 to 12 ft.	6.10	6.25	7.50
10 lin.ft. mon. concrete 36-in.—12 to 14 ft.	7.00	8.00	8.50
145 lin.ft. mon. concrete 42-in.— 0 to 6 ft.	6.50	6.50	6.75
80 lin.ft. mon. concrete 42-in.— 6 to 8 ft.	6.75	7.50	7.25
45 lin.ft. mon. concrete 42-in. 8 to 10 ft.	7.10	8.00	7.50
570 lin.ft. mon. concrete 42-in.—10 to 12 ft.	7.40	8.00	7.50
120 lin.ft. mon concrete 42-in.—12 to 14 ft.	7.60	8.50	8.50
45 lin.ft. mon. concrete 42-in.—14 to 16 ft.	8.00	9.00	10.00
1,160 lin.ft. concrete pipe—15-in.—0 to 6 ft.	2.00	2.00	1.90
1,160 lin.ft. concrete pipe—15-in.—6 to 8 ft.	2.10	2.00	2.15
60 lin.ft. concrete pipe—18-in.—0 to 6 ft.	3.00	2.75	2.55
60 lin.ft. concrete pipe—18-in.—6 to 8 ft.	3.10	3.00	2.75
10 lin.ft. concrete pipe—18-in.—8 to 10 ft.	4.00	3.50	3.00
20 lin.ft. concrete pipe 24-in.—0 to 6 ft.	3.50	4.00	3.50
260 lin.ft. concrete pipe—24-in.—6 to 8 ft.	3.75	4.00	3.50
105 lin.ft. concrete pipe—24-in.—8 to 10 ft.	4.10	4.50	4.00
Totals	$34,698	$35,675	$37,329

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Road—Texas

Bids were opened by Commissioners of Harris County, Houston, Mar. 14, for constructing Houston Avenue Extension Road, from (A) Philpot Construction Co., Galveston, (awarded contract); (B) Charles K. Horton, Houston; (C) Scott Shambaugh, Houston. The unit bids are as follows:

	A	B	C
23,622 cu.yd. earth roadway excavation	$0.25	$0.25	$0.30
150 cu.yd. channel excavation	.70	.35	.30
126 cu.yd. structural excavation	1.00	1.00	1.00
4,809 cu.yd. earth borrow	.30	.25	.30
7,584 sta.yds. earth overhaul	.03	.03	.04
200 hours extra rolling base	2.50	3.00	3.00
100 M. gals. sprinkling base	2.00	2.00	3.00
50 M. gals. water hauled additional mile	1.00	1.00	1.50
35,199 sq.yd. reconstructed base course	.04	.03	.05
1,759.6 cu.yd. base course material	1.85	2.00	2.00
8,249.4 cu.yd. base course material hauled additional ½ mile	.06	.06	.07
35,199 sq.yd. concrete pavement— modified Bates type	2.05	2.15	2.12
136,940 lb. reinforcing for pavement	.05	.05	.055
119.55 cu.yd. class "A" concrete	22.00	20.00	22.00
1.94 cu.yd. class "C" concrete	25.00	22.00	25.00
11,217 lb. reinforcing steel	.04	.05	.05
24 lin.ft. 18 in. concrete pipe	2.00	2.75	2.00
370 tons plain riprap	5.00	6.00	4.00
4 supports for pavement at bridge ends	125.00	100.00	150.00
500 team hours	.95	.80	.80
500 labor hours	.45	.40	.50
2,727 cu.yd. shell for shoulders	1.90	1.90	2.00
12,787 cu.yd. shell hauled additional ½ mi.	.06	.06	.05
Totals	$104,524	$108,188	$110,100

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UNIT PRICES *Continued on page 26a*

ONLY THE BARBER-GREENE HAS THE VERTICAL DIGGING BOOM AND THE OVERLOAD RELEASE

Tearing Through—To New Ditching Records

TURN this Barber-Greene loose wherever there is digging to do—and watch it go. The vertical boom dives straight into the ground, full depth. Then it starts tearing up the earth for yard after yard of clean-cut trench.

If an obstruction bars the way, this digging demon doesn't plunge into it blindly and damage the machinery. The overload release takes care of that. The vertical boom can either jump over or keep picking until the obstruction is removed.

This nimbleness, plus the mile-a-day speed on shallow pipe line trench and the versatility that turns service laterals into a source of profit are reasons enough why Barber-Greene Ditchers topped all ditcher sales records last year.

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Representatives in 50 Cities

DISC FEED LOADERS VERTICAL BOOM DITCHERS
STANDARDIZED PORTABLE AND PERMANENT BELT CONVEYORS
SNOW LOADERS CAR UNLOADERS COAL LOADERS

UNIT PRICES

On actual contracts gathered by field correspondents, also those sent in by readers

Street Improvements—San Luis Obispo, Calif.

Bids were opened by Supervisors of San Luis Obispo County for improving streets in Morro Beach section, from (A) Warren Construction Co., 28th and Poplar Sts., Oakland, (awarded contract); (B) Braun, Bryant & Austin, Los Angeles; (C) Irving L. Ryder, San Jose. The unit bids are as follows:

	A	B	C
23,200 cu.yd. grading	$1.10	$1.30	$1.45
815,000 sq.ft. 2½-in. asph. base with 1½-in. Warrenite-bit. surface	.23	.243	.25
12,375 ft. curb and gutter	1.40	1.50	1.30
55,360 ft. conc. dished gutter	.90	.93	1.05
105 catchbasins	65.00	60.00	55.00
1,717 ft. 8-in. corru. culvert	1.70	1.60	2.00
54 ft. 12-in. corru. culvert	2.50	2.50	2.50
8 ft. 18-in. corru. culvert	3.50	3.00	2.50
8 ft. 24-in. corru. culvert	4.50	4.00	3.50
930 cu.ft. conc. (culvert)	1.10	1.00	1.00
2,500 lb. reinf. steel	.10	.10	.09
1 conc. bridge (lump sum)	9,700.00	12,000.00	11,900.00
400 cu.ft. conc. bridge foundation	.70	.80	.90
6,420 ft. 12-in. vit. sewer pipe	2.00	1.85	2.20
100 T's, 12-in. pipe	4.00	4.00	4.75
1,580 ft. 10-in. vit. sewer	1.50	1.50	1.80
40 T's on 10-in. pipe	3.20	3.50	4.25
100 ft. 10-in. well casing	3.00	3.00	3.35
4,170 ft. 8-in. vit. sewer	1.80	1.65	1.70
100 T's on 8-in. pipe	3.20	3.00	3.35
16,300 ft. 6-in. vit. sewer	1.60	1.55	1.50
400 T's on 6-in. pipe	3.00	2.50	3.25
1,000 ft. 4-in. vit. sewer	1.00	1.00	.85
60 manholes	125.00	140.00	110.00
40 lampholes	18.00	20.00	25.00
18,600 ft. 6-in. riveted steel pipe	2.90	3.10	2.60
7,600 ft. 4-in. riveted steel pipe	2.50	2.35	2.10
14,200 ft. 2-in. wrought steel	1.00	1.10	.90
7 gate valves, 6-in.	25.00	30.00	40.00
19 gate valves, 4-in.	20.00	23.00	30.00
46 gate valves, 2-in.	12.00	12.50	20.00
33 fire hydrants	70.00	80.00	85.00
65 No. 107 King Electroliers	132.00	140.00	165.00
66 No. 44 King Electroliers	128.00	130.00	140.00
23,000 ft. ¾-in. conduit	.38	.40	.40
570 ft. 1¼-in. conduit	.40	.45	.50
24,400 ft. electric conductor	.27	.30	.35
Totals	$488,363	$508,981	$512,394

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Sewers, Etc.—Sedalia, Mo.

Bids were opened by City, May 1, for constructing sanitary sewers and disposal plant, from (A) Hamilton Contracting Co., and A. C. Comstock, Bartlesville, Okla., (awarded contract); (B) Chanute Construction Co., Kansas City. The unit bids are as follows:

	A	B
7,364 ft. furnishing and laying 8 in. standard V.C. pipes	$0.60	$0.45
6,113 ft. furnishing and laying 10 in. standard V.C. pipes	.65	.60
2,641 ft. furnishing and laying 12 in. standard V.C. pipes	1.85	.85
4,675 ft. furnishing and laying 18 double stgth. V. C. pipes	2.00	1.90
1,323 ft. furnishing and laying 24 double stght. V. C. pipes	4.00	3.00
5,502 ft. furnishing and laying 27 double stgth. V. C. pipes	5.00	4.00
1,304 ft. excavating and refilling 0 to 4 ft	.40	.....
2,155 ft. excavating and refilling 4 to 6 ft	.50	.40
6,344 ft. excavating and refilling 6 to 8 ft	.60	.50
6,463 ft. excavating and refilling 8 to 10 ft	.75	.55
4,669 ft. excavating and refilling 10 to 12 ft	1.00	.70
2,737 ft. excavating and refilling 12 to 14 ft	1.20	.80
3,464 ft. excavating and refilling 14 to 16 ft	1.60	1.10
450 ft. excavating and refilling 16 to 20 ft	1.65	2.40
103 manholes	90.00	80.00
20 cu.yd. class B concrete	25.00	20.00
2,000 cu.yd. rock excavation	5.00	5.00
309 lin.ft. cutting and replacing pavement	2.00	2.75
6,500 cu.yd. earth excavation at disposal plant	1.00	1.00
75 cu.yd. rock excavation at disposal plant	5.00	3.50
1,020 cu.yd. class A concrete at disposal plnat	20.00	24.50
90,000 lb. reinforcing steel at disposal plant	.05	.0575
Totals	$193,221	$215,000

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Constr. News page 26a

Conduit—Syracuse, N. Y.

Bids were opened by Board of Contract and Supply, May 2, for Contract "B," Section 2, of Third Conduit, hauling and distributing c. i. pipe, valves and specials, trenching and backfilling, etc., from (A) Provo Bros.; 604 North Salina St., (awarded contract using lead); (B) Robeck-Humphries Co.; (C) Mondo Construction Co. The unit bids are as follows:

	A	B	C
Chopping and clearing (lump sum)	$1,000.00	$400.00	$500.00
800 lin.ft. excav. and backfill under 6 ft	1.20	1.80	2.10
19,700 lin.ft. 6-8 ft	1.20	1.90	2.50
5,400 lin.ft. 8-10 ft	1.30	2.30	3.60
600 lin.ft. 10-12 ft	1.60	4.08	5.00
600 lin.ft. 12-14 ft	2.10	4.76	6.00
500 lin.ft. 14-16 ft	2.70	5.44	7.00
300 lin.ft. 16-18 ft	3.30	6.12	9.00
300 lin.ft. 18-20 ft	3.90	10.00	10.00
300 lin.ft. over 20 ft	4.70	12.00	11.00
500 cu.yd. ordinary excav.	1.50	1.00	2.00
2,000 cu.yd. embankment	.70	1.00	1.25
500 cu.yd. gravel lining	2.00	3.00	2.50
100 sq.yd. grouted stone paving	2.50	3.00	3.00
28,200 lin.ft. laying 36-in. pipe (with lead)	.75	2.25	1.50
50 lin.ft. 30-in. pipe (with lead)	.75	6.00	1.50
650 lin.ft. 12-in. pipe (with lead)	.75	1.00	1.00
28,200 lin.ft. testing pipes (lump sum)	1,410.00	2,000.00	1,000.00
10 lin.ft. laying 6-in. tile drain	1.00	.80	1.00
Gate house (lump sum)	2,500.00	2,000.00	2,000.00
4 chambers	650.00	450.00	500.00
6 blow-offs	325.00	125.00	300.00
7 air valves	200.00	90.00	150.00
7 manholes	300.00	125.00	250.00
7,420 tons unloading C. I. pipe, etc.	4.00	3.00	3.30
Plate girder bridge (lump sum)	2,700.00	2,800.00	2,700.00
75 cu.yd. concrete culverts	20.00	23.00	18.00
20 cu.yd. extra concrete, first class	20.00	23.00	18.00
20 cu.yd. extra concrete, second class	18.00	21.00	14.00
500 hours common labor	.60	.70	.70
100 hours skilled labor	1.00	1.50	1.25
100 hours foreman labor	1.25	1.50	1.25
300 ton hours motor trucks	1.00	2.00	2.00
16 stone monuments, set	10.00	5.00	10.00
1,000 lb. reinforcing steel	.10	.10	.10
Removing bulkhead (lump sum)	100.00	100.00	100.00
Laying 36-in. pipe with leadite	.45	1.75	.90
Laying 30-in. pipe with leadite	.75	6.00	.90
Laying 12-in. pipe with leadite	.75	.89	.75
Totals using lead	$112,630	$174,108	$178,691
Totals using leadite	$104,170	$159,937	$161,579

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Breakwater—Muskegon, Mich.

Bids were opened by U. S. Engr. Office, Federal Bldg., Milwaukee, May 31, for constructing south breakwater at Muskegon Harbor, from (A) Love Construction Co., Union Bank Bldg., (awarded contract); (B) Great Lakes Dredge & Dock Co., Milwaukee; (C) E. E. Gillen, Milwaukee; (D) McMullen & Pitz Construction Co., Manitowoc. The unit bids are as follows:

	A	B	C	D
Driving and cutting off 1323 foundation piles for caissons, per pile	$14.00	$24.00	$32.50	$35.00
9,700 tons Class I stone, per ton of 2,000 lbs. in place	3.00	3.60	4.50	4.90
25,600 tons Class II stone, per ton of 2,000 lbs. in place	4.00	4.90	4.20	5.15
7,100 tons Class III stone, per ton of 2,000 lbs. in place	4.50	4.90	4.65	5.15
3,775 cu.yd. concrete superstructure and filling for breakwater	17.00	16.90	31.00	30.00
Leveling foundations and sinking 28 caissons, per caisson	750.00	600.00	1,300.00	1,200.00
Totals	$267,147	$307,499	$380,607	$409,090

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